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JOURNALS

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If your business depends on lasting bonds with key decision makers in any discipline of the chemical industry, there's no better way to reach them than through the most trusted, most cited and most read scientific journals. ACS Publications has managed the scholarly publishing program of the world's largest and most influential scientific society for over 100 years.

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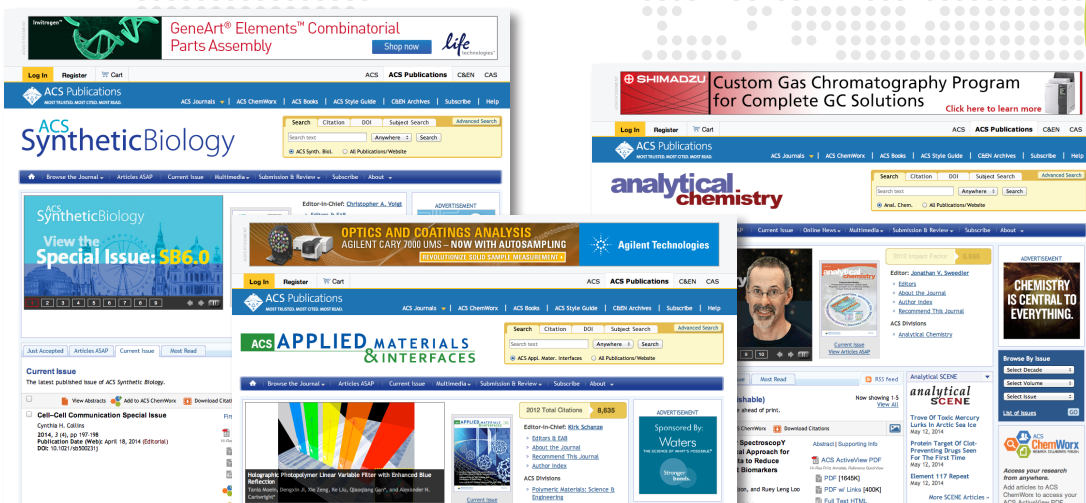
A partnership with the American Chemical Society is a partnership with the world's largest scientific society and professional home for scientific researchers and educators around the globe. The American Chemical Society is the leading publisher of peer-reviewed research journals in the chemical and related sciences, serving scientific communities worldwide through an unparalleled commitment to quality, reliability, and innovation.

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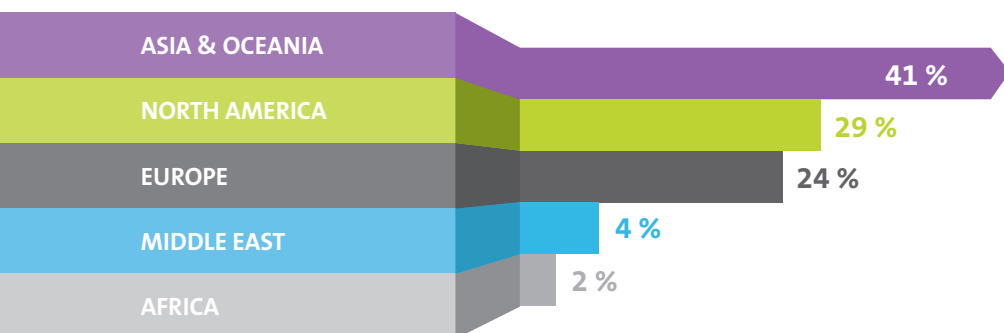
When you partner with ACS Publications, your message appears side-by-side with the editorial content they trust most as they make bonds and push the boundaries of discovery and development.

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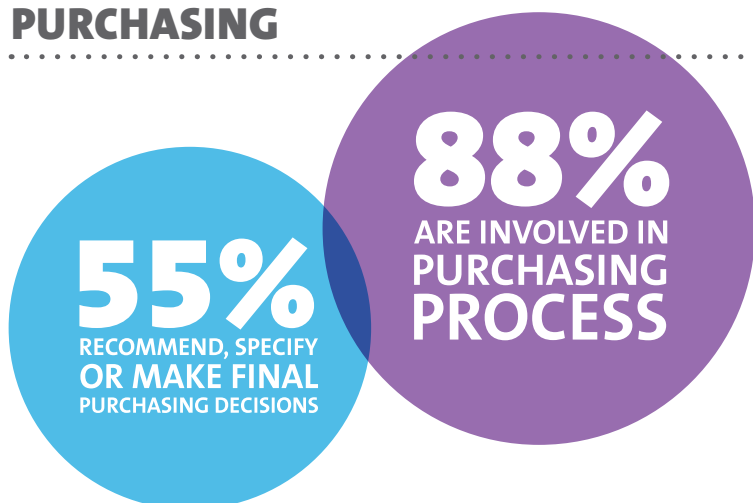


ABOUT :: DEMOGRAPHICS

GEOGRAPHIC BREAKDOWN



PURCHASING



ONLINE



INDUSTRY

The top five industry categories

- 1 CHEMICAL
- 2 GOVERNMENT
- 3 TRAINING/EDUCATION
- 4 BIO/LIFE SCIENCES
- 5 PHARMACEUTICAL

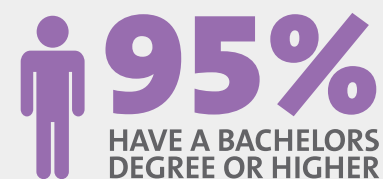
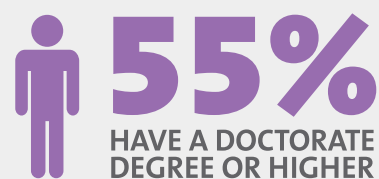
WORK

What our readers do daily

- 33% R&D BASIC RESEARCH
- 28% R&D APPLIED RESEARCH, DEVELOPMENT, DESIGN
- 13% TRAINING OR TEACHING
- 3% ANALYTICAL SERVICES, OTHER THAN FORENSICS
- 2% CONSULTING
- 1% R&D MANAGEMENT OR ADMINISTRATION

ACS JOURNALS READERS

SHAPE THE FUTURE IN SCIENCE



DIGITAL TACTICS

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- Specific journals
- Geographic areas
- Specific keywords
- Specific subject area

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Each ACS Journal has its own eTOC alert, giving you access to a similar audience of our most committed readers in the academic and R&D markets. With over 250,000 subscriptions and more than 40 publications to choose from, you can focus your message exclusively on the specializations that drive your business.

ACS Journals reach a large audience of digital subscribers from leading academic, corporate and government institutions. Our entire suite of online publications offers a variety of solutions to segment your precise market.

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ACS publishes more than 40 peer-reviewed journals with cutting-edge articles across a broad spectrum of scientific disciplines. The breadth and scope of ACS Journals is

unparalleled, stretching across chemistry, physics, and biology. They cover, but are not limited to, the disciplines listed below. **Find your best fit.**

| | INSTRUMENTATION | PHARMA | MATERIALS SCIENCE | INORGANIC CHEMISTRY | NANOTECHNOLOGY | PHYSICAL CHEMISTRY & INFORMATICS |
|---|-----------------|--------|-------------------|---------------------|----------------|----------------------------------|
| Accounts Chemical Research | ■ | | ■ | ■ | ■ | ■ |
| ACS Applied Materials Interfaces | | | ■ | ■ | ■ | ■ |
| ACS Catalysis | | | ■ | ■ | | |
| ACS Chemical Biology | | ■ | | | | |
| ACS Chemical Neuroscience | | ■ | | | | |
| ACS Combinatorial Science | | | ■ | | | |
| ACS Macro Letters | | | ■ | | ■ | |
| ACS Medicinal Chemistry Letters | | | | | | |
| ACS Nano | | | ■ | ■ | ■ | ■ |
| ACS Photonics | | | ■ | | | |
| ACS Sustainable Chemistry & Engineering | | | | | ■ | |
| ACS Synthetic Biology | | ■ | | | | |
| Analytical Chemistry | ■ | | | ■ | ■ | ■ |
| Biochemistry | | ■ | | | | |
| Bioconjugate Chemistry | | | | | | |
| Biomacromolecules | | ■ | ■ | | ■ | |
| Chemical Research in Toxicology | ■ | ■ | | | | |
| Chemical Reviews | ■ | | ■ | ■ | ■ | ■ |
| Chemistry of Materials | | | ■ | ■ | ■ | ■ |
| Crystal Growth & Design | | | ■ | ■ | ■ | |
| Energy & Fuels | | | | | | ■ |
| Environmental Science & Technology | ■ | | | | ■ | |
| Environmental Science & Technology Letters | ■ | | | | ■ | |
| Industrial & Engineering Chemistry Research | | | | | | ■ |
| Inorganic Chemistry | ■ | | | ■ | ■ | |
| Journal of Agricultural & Food Chemistry | ■ | | | | | |
| Journal of Chemical & Engineering Data | | | | | | ■ |
| Journal of Chemical Education | | | | | | |
| Journal of Chemical Information & Modeling | | | | | | ■ |
| Journal of Chemical Theory & Computation | | | | | | ■ |
| Journal of Medicinal Chemistry | ■ | ■ | | | | |
| Journal of Natural Products | | | | | | |
| Journal of Proteome Research | | | | | | |
| Journal of the American Chemical Society | ■ | | ■ | ■ | ■ | ■ |
| Langmuir | | | ■ | ■ | ■ | ■ |
| Macromolecules | | ■ | ■ | | ■ | ■ |
| Molecular Pharmaceutics | | | | | | ■ |
| Nano Letters | ■ | | ■ | ■ | ■ | ■ |
| Organic Letters | | | | ■ | | |
| Organic Process Research & Development | | ■ | | | | |
| Organometallics | | | | ■ | | |
| The Journal of Organic Chemistry | ■ | ■ | | ■ | | |
| The Journal of Physical Chemistry | ■ | | | ■ | ■ | ■ |
| The Journal of Physical Chemistry Letters | | | ■ | | ■ | ■ |

TACTICS :: LANGUAGE ABOUT CHANNELS

Associate your campaign with highly respected, peer-reviewed journals at the cutting edge of science and technology. Reach key opinion leaders and researchers in your industry. By selecting a specialized journal channel, find the avenue the best suits your campaign and ensure

that you're reaching an audience on all platforms where they regularly access up-to-date industry research.

TO LEARN MORE ABOUT ADVERTISING

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ENERGY

Engage with an active science community researching the latest findings on the formation, exploration, and production of energy.

JOURNALS

ACS, NanoLetters, Energy & Fuels, Environmental Science & Technology, Industrial Engineering Chemistry Research, Langmuir, Macromolecules, The Journal of Physical Chemistry C.

JOURNALS

JACS, Chemical Research in Toxicology, Analytical Chemistry, Environmental Science & Technology, Journal of Agricultural and Food Chemistry, Langmuir, The Journal of Physical Chemistry A, Industrial & Engineering Chemistry Research



ENVIRONMENTAL ENGINEERING

Connect the highest quality scientific researchers, environmental scientists and engineers working to devise the most effective and efficient solutions for our planet.




PHARMACEUTICALS

Deliver your message to pharmaceutical and medicinal chemists forging the future of drug discovery and development.

JOURNALS

JACS, Biochemistry, Nano Letters, Analytical Chemistry, Journal of Medicinal Chemistry, ACS Medicinal Letters, Organic Letters, The Journal of Organic Chemistry.

JOURNALS



Biochemistry, Journal of Medicinal Chemistry, Macromolecules, Analytical Chemistry, Environmental Science & Technology, Journal of the American Chemical Society, Inorganic Chemistry, Langmuir

CHROMATOGRAPHY AND SPECTROSCOPY

Target readership that attracts lab managers, analysts and separation scientists with specific involvement in chromatography and spectroscopy systems, supplies, and accessories.

THE MOST EFFECTIVE APPROACH IS AN INTEGRATED MEDIA MIX

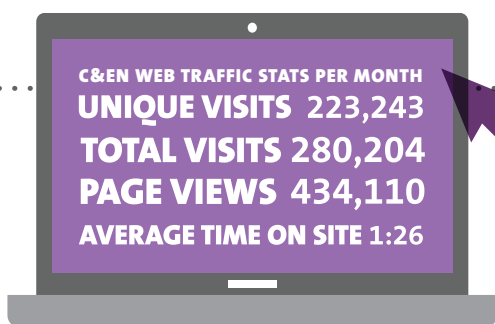
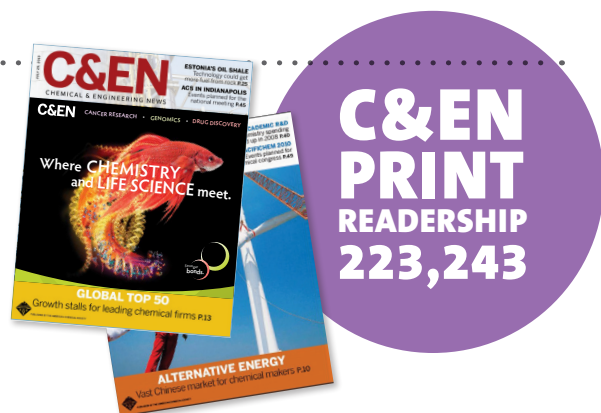
In the past, traditional mass media was the way to go when it came to advertising a product, service, or brand. Today's reality is that multiple media platforms must be used in concert a mix of print and online advertising—before a prospect converts to a qualified lead. ACS is dedicated to growing your business and offering a variety of touch point to help connect with R&D buyers.

ACS Publications also publishes Chemical & Engineering News—a print and online news magazine covering the global chemical enterprise and related sciences.

ACS OFFERS A VARIETY OF TOUCH POINTS TO HELP CONNECT WITH R&D BUYERS

C&EN IN PRINT

The C&EN family is a truly global platform that cuts across vertical and horizontal markets to give you direct access to the world's leading scientists. With the largest print circulation among chemistry and life sciences publications in the United States—and one of the largest in the world—there's no better place to reach this audience or to target one of its key segments. C&EN is distributed to **112,000 Decision makers**.

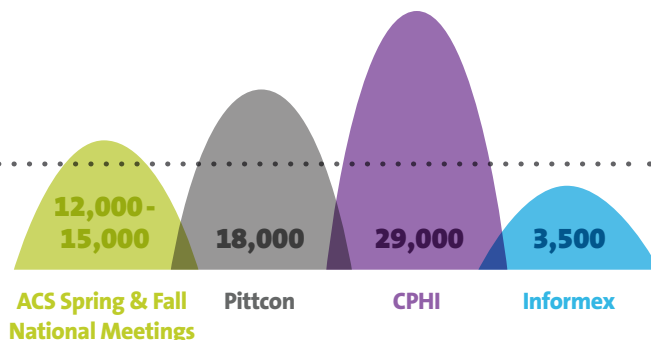


C&EN ONLINE

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C&EN ONSITE

C&EN Onsite publishes the only official publication distributed to every attendee at the industry's most talked-about events. Reach this captive audience with Onsite advertising at major events.



2016 :: AD RATES & SPECIFICATIONS

ACS JOURNALS ONLINE

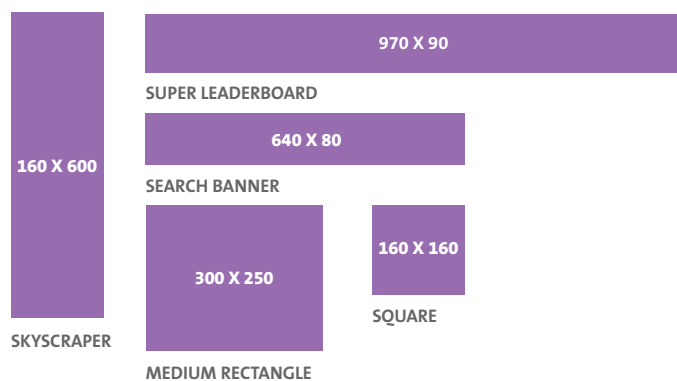
AD RATES & SPECIFICATIONS

| | WIDE SKYSCRAPER | MEDIUM RECTANGLE | SUPER LEADERBOARD | SEARCH BANNER | LEADERBOARD |
|---|---|------------------|-------------------|---------------|-------------|
| DIMENSIONS WIDTH x HEIGHT | 160 x 600 | 300 x 250 | 970 x 90 | 640 x 80 | 728 x 90 |
| MAXIMUM FILE SIZE | 40KB | 40 KB | 40 KB | 40 KB | 40 KB |
| FILE TYPES | GIF, Animated GIF, JPG, HTML5 | | | | |
| ANIMATED GIF MAXIMUMS | Animated GIF maximum of 5 frames, 4 revolutions | | | | |
| RATES – BASED ON IMPRESSIONS | \$20/1K | \$25/1K | \$35/1K | \$25/1K | \$25/1K |

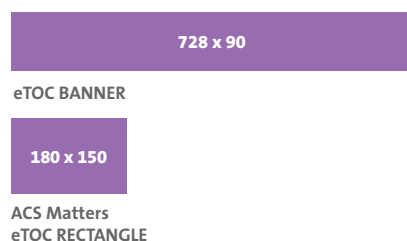
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160x600 AND 728x90 ALSO RUN ON C&EN ONLINE

AD SIZES



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TARGETING ADD-ONS

IMPROVE YOUR CAMPAIGN THROUGH TARGETING AD ONS

| RATES BASED ON IMPRESSIONS | |
|-------------------------------|---|
| \$5/1K | GEO-TARGETING |
| \$1/1K | FREQUENCY CAPPING |
| \$5/1K | RICH MEDIA |
| \$5/1K | CONTEXTUAL JOURNALS |
| \$5/1K | INSTITUTION TYPE: ACADEMIC, GOVERNMENT, INDUSTRY |
| \$5/1K | DOMAIN |
| \$5/1K | KEYWORD/SUBJECT |

FOR ADDITIONAL INFORMATION ABOUT ADVERTISING OPPORTUNITIES

Average Monthly Impressions of Available Advertising Pages on the ACS Web Editions Platform

| | SUPER LEADERBOARD | LEADERBOARD | SQUARE | WIDE SKYSCRAPER | RECTANGLE | MEDIUM RECTANGLE | SEARCH BANNER |
|---|-------------------|----------------|------------------|------------------|----------------|------------------|------------------|
| C&EN Online | | 800,000 | | 350,000 | 450,000 | | |
| Accounts Chemical Research | 170,000 | | 69,000 | 69,000 | | | |
| ACS Applied Materials Interfaces | 194,000 | | 63,000 | 63,000 | | | |
| ACS Catalysis | 74,000 | | 37,000 | 37,000 | | | |
| ACS Chemical Biology | 76,000 | | 34,000 | 34,000 | | | |
| ACS Chemical Neuroscience | 22,000 | | 8,000 | 8,000 | | | |
| ACS Combinatorial Science | 16,000 | | 11,000 | 11,000 | | | |
| ACS Macro Letters | 46,000 | | 25,000 | 25,000 | | | |
| ACS Medicinal Chemistry Letters | 58,000 | | 35,000 | 35,000 | | | |
| ACS Nano | 435,000 | | 133,000 | 133,000 | | | |
| ACS Sustainable Chemistry & Engineering | 24,000 | | 13,000 | 13,000 | | | |
| ACS Synthetic Biology | 23,000 | | 10,000 | 10,000 | | | |
| Analytical Chemistry | 493,000 | | 127,000 | 127,000 | | | |
| BioChemistry | 273,000 | | 70,000 | 70,000 | | | |
| Bioconjugate Chemistry | 71,000 | | 23,000 | 23,000 | | | |
| BioMacromolecules | 115,000 | | 31,000 | 31,000 | | | |
| C&EN Archives | 35,000 | | | 15,000 | | | |
| Chemical Research in Toxicology | 43,000 | | 12,000 | 12,000 | | | |
| Chemical Reviews | 290,000 | | 128,000 | 128,000 | | | |
| Chemistry of Materials | 310,000 | | 90,000 | 90,000 | | | |
| Crystal Growth & Design | 107,000 | | 38,000 | 38,000 | | | |
| Energy & Fuels | 100,000 | | 25,000 | 25,000 | | | |
| Environmental Science & Technology | 472,000 | | 124,000 | 124,000 | | | |
| Industrial & Engineering Chemistry Research | 249,000 | | 44,000 | 44,000 | | | |
| Inorganic Chemistry | 372,000 | | 137,000 | 137,000 | | | |
| Journal of the American Chemical Society | 2,675,000 | | 1,088,000 | 1,088,000 | | | |
| Journal of Agricultural & Food Chemistry | 424,000 | | 75,000 | 75,000 | | | |
| Journal of Chemical & Engineering Data | 80,000 | | 16,000 | 16,000 | | | |
| Journal of Chemical Education | 322,000 | | 77,000 | 77,000 | | | |
| Journal of Chemical Information & Modeling | 56,000 | | 11,000 | 11,000 | | | |
| Journal of Chemical Theory & Computation | 62,000 | | 21,000 | 21,000 | | | |
| Journal of Medicinal Chemistry | 377,000 | | 150,000 | 150,000 | | | |
| Journal of Natural Products | 133,000 | | 57,000 | 57,000 | | | |
| Journal of Organic Chemistry | 770,000 | | 320,000 | 320,000 | | | |
| The Journal of Physical Chemistry A | 144,000 | | 66,000 | 66,000 | | | |
| The Journal of Physical Chemistry B | 77,000 | | | | | | |
| The Journal of Physical Chemistry C | 95,000 | | | | | | |
| The Journal of Physical Chemistry Letters | 115,000 | | | | | | |
| Journal of Proteome Research | 96,000 | | | | | | |
| Langmuir | 412,000 | | 100,000 | 100,000 | | | |
| Macromolecules | 364,000 | | 130,000 | 130,000 | | | |
| Molecular Pharmaceutics | 52,000 | | 15,000 | 15,000 | | | |
| Nano Letters | 500,000 | | 145,000 | 145,000 | | | |
| Organic Letters | 765,000 | | 345,000 | 345,000 | | | |
| Organic process Research & Development | 78,000 | | 45,000 | 45,000 | | | |
| Organometallics | 200,000 | | 85,000 | 85,000 | | | |
| Publications Channel | 4,430,000 | | 1,150,000 | 1,150,000 | | | |
| Search | 1,000,000 | | | | | | 2,416,000 |
| CAS Subject Landing - Applied | | | | | | 6,150 | |
| CAS Subject Landing - Biochemistry | | | | | | 6,000 | |
| CAS Subject Landing - Macromolecular | | | | | | 2,600 | |
| CAS Subject Landing - Organic | | | | | | 7,500 | |
| CAS Subject Landing - Physical, Inorganic, & Analytical | | | | | | 6,700 | |
| Totals | 17,295,000 | 800,000 | 5,183,000 | 5,198,000 | 450,000 | 28,950 | 2,416,000 |

| | SUBSCRIBERS | <i>if available</i> AVERAGE OPEN RATE | DISTRIBUTION |
|---|--------------------|---|--|
| C&EN Digest eNewsletter | 148,000 | 38% | Delivered Weekly; Every Wednesday |
| C&EN Digital Edition Delivery | 44,627 | 35% | Delivered Weekly; Every Monday |
| ACS Matters eNewsletter | 179,650 | 21% | Delivered Weekly; Every Tuesday |
| Recently Launched ACS Journals | | | |
| ACS Central Science | 2,843 | | Delivered 1x/month; 4th Wednesday of the month |
| ACS Infectious Diseases | 281 | | Delivered 1x/month; 2nd Friday of the month |
| ACS Photonics | 1,324 | | Delivered 1x/month; 3rd Wednesday of the month |
| ACS Biomaterials Science & Engineering | 626 | | Delivered 1x/month; 2nd Monday of the month |
| Environmental Science & Tech Letters | 2,308 | | Delivered 1x/month; 2nd Tuesday of the month |
| More ACS Journals | | | |
| Accounts Chemical Research | 12,132 | | Delivered 1x/month; 3rd Tuesday of the month |
| ACS Applied Materials Interfaces | 7,194 | | Delivered Bi-Weekly; 2nd & 4th Wednesdays of the Month |
| ACS Catalysis | 4,890 | | Delivered 1x/month; 1st Friday of the month |
| ACS Chemical Biology | 6,742 | | Delivered 1x/month; 3rd Friday of the month |
| ACS Chemical Neuroscience | 1,642 | | Delivered 1x/month; 3rd Wednesday of the month |
| ACS Combinatorial Science | 844 | | Delivered 1x/month; 2nd Monday of the month |
| ACS Macro Letters | 2,424 | | Delivered 1x/month; 3rd Tuesday of the month |
| ACS Medicinal Chemistry Letters | 4,051 | | Delivered 1x/month; 2nd Thursday of the month |
| ACS Nano | 14,824 | | Delivered 1x/month; 4th Tuesday of the month |
| ACS Sustainable Chemistry & Engineering | 1,858 | | Delivered 1x/month; 1st Monday of the month |
| ACS Synthetic Biology | 1,668 | | Delivered 1x/month; 3rd Friday of the month |
| Analytical Chemistry | 8,381 | | Delivered Bi-Weekly; 1st & 3rd Tuesday |
| BioChemistry | 7,269 | | Delivered Weekly; Every Tuesday |
| Bioconjugate Chemistry | 3,655 | | Delivered 1x/month; 3rd Wednesday of the month |
| BioMacromolecules | 5,293 | | Delivered 1x/month; 2nd Monday of the month |
| Chemical Research in Toxicology | 2,891 | | Delivered 1x/month; 3rd Monday of the month |
| Chemical Reviews | 21,027 | | Delivered 1x/month; 2nd Monday of the month |
| Chemistry of Materials | 12,350 | | Delivered Bi-Weekly; 2nd & 4th Tuesdays of the Month |
| Crystal Growth & Design | 4,559 | | Delivered 1x/month; 1st Wednesday of the month |
| Energy & Fuels | 5,562 | | Delivered 1x/month; 3rd Thursday of the month |
| Environmental Science & Technology | 8,356 | | Delivered Bi-Weekly; 1st & 3rd Tuesday of the month |
| Industrial & Engineering Chemistry Research | 4,032 | | Delivered Weekly; Every Wednesday |
| Inorganic Chemistry | 7,436 | | 1st & 3rd Monday of the month |
| Journal of the American Chemical Society | 26,088 | | Delivered Weekly; Every Wednesday |
| Journal of Agricultural & Food Chemistry | 3,659 | | Delivered Weekly; Every Wednesday |
| Journal of Chemical & Engineering Data | 2,243 | | Delivered 1x/month; 2nd Thursday of the month |
| Journal of Chemical Education | 3,068 | | Delivered 1x/month; 2nd Thursday of the month |
| Journal of Chemical Information & Modeling | 2,865 | | Delivered 1x/month; 4th Monday of the month |
| Journal of Chemical Theory & Computation | 3,720 | | Delivered 1x/month; 2nd Tuesday of the month |
| Journal of Medicinal Chemistry | 7,807 | | Delivered 1x/month; 2nd Thursday of the month |
| Journal of Natural Products | 4,099 | | Delivered 1x/month; 4th Friday of the month |
| Journal of Organic Chemistry | 9,882 | | Delivered Bi-Weekly; 1st & 3rd Fridays of the month |
| The Journal of Physical Chemistry A | 7,547 | | Delivered Weekly; Every Thursday |
| The Journal of Physical Chemistry B | 9,335 | | Delivered Weekly; Every Thursday |
| The Journal of Physical Chemistry C | 10,460 | | Delivered Weekly; Every Thursday |
| The Journal of Physical Chemistry Letters | 7,369 | | Delivered Bi-Weekly; 1st & 3rd Thursdays of the month |
| Journal of Proteome Research | 2,119 | | Delivered 1x/month; 1st Friday of the month |
| Langmuir | 11,528 | | Delivered Weekly; Every Tuesday |
| Macromolecules | 8,065 | | Delivered Bi-Weekly; 2nd & 4th Tuesdays of the month |
| Molecular Pharmaceutics | 2,774 | | Delivered 1x/month; 1st Monday of the month |
| Nano Letters | 15,479 | | Delivered 1x/month; 2nd Wednesday of the month |
| Organic Letters | 9,500 | | Delivered Bi-Weekly; 1st & 3rd Fridays of the month |
| Organic Process Research & Development | 3,931 | | Delivered 1x/month; 3rd Friday of the month |
| Organometallics | 5,375 | | Delivered Bi-Weekly; 2nd & 4th Mondays of the month |
| Total Unique Subscribers | 307,052 | | |