

Raquel E Galian

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

64
papers

2,926
citations

24
h-index

53
g-index

68
ext. papers

3,408
ext. citations

7.1
avg, IF

5.24
L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 64 | Ruddlesden-Popper Hybrid Lead Bromide Perovskite Nanosheets of Phase Pure n=2: Stabilized Colloids Stored in the Solid State. <i>Angewandte Chemie</i> , 2021 , 133, 27518 | 3.6 | 0 |
| 63 | Ruddlesden-Popper Hybrid Lead Bromide Perovskite Nanosheets of Phase Pure n=2: Stabilized Colloids Stored in the Solid State. <i>Angewandte Chemie - International Edition</i> , 2021 , | 16.4 | 2 |
| 62 | State of the Art and Prospects for Halide Perovskite Nanocrystals. <i>ACS Nano</i> , 2021 , 15, 10775-10981 | 16.7 | 222 |
| 61 | Present and Perspectives of Photoactive Porous Composites Based on Semiconductor Nanocrystals and Metal-Organic Frameworks. <i>Molecules</i> , 2021 , 26, | 4.8 | 3 |
| 60 | Research Frontiers in Energy-Related Materials and Applications for 2020-2030. <i>Advanced Sustainable Systems</i> , 2020 , 4, 1900145 | 5.9 | 14 |
| 59 | The synergy between the CsPbBr nanoparticle surface and the organic ligand becomes manifest in a demanding carbon-carbon coupling reaction. <i>Chemical Communications</i> , 2020 , 56, 5026-5029 | 5.8 | 14 |
| 58 | Linear Coassembly of Upconversion and Perovskite Nanoparticles: Sensitized Upconversion Emission of Perovskites by Lanthanide-Doped Nanoparticles. <i>Advanced Functional Materials</i> , 2020 , 30, 2003766 | 15.6 | 9 |
| 57 | Laser Ablation of Hybrid Perovskite Bulks into Nanoparticles: Adamantylammonium Halides as Ligands and Halide Sources. <i>ChemNanoMat</i> , 2019 , 5, 328-333 | 3.5 | 2 |
| 56 | Linear assembly of lead bromide-based nanoparticles inside lead(ii) polymers prepared by mixing the precursors of both the nanoparticle and the polymer. <i>Chemical Communications</i> , 2019 , 55, 2968-2971 | 5.8 | 6 |
| 55 | Ultrathin lead bromide perovskite platelets spotted with europium(ii) bromide dots. <i>Nanoscale</i> , 2019 , 11, 18065-18070 | 7.7 | 5 |
| 54 | Colloids of Naked CH ₃ NH ₃ PbBr Perovskite Nanoparticles: Synthesis, Stability, and Thin Solid Film Deposition. <i>ACS Omega</i> , 2018 , 3, 1298-1303 | 3.9 | 16 |
| 53 | Tuning Charge Carrier Dynamics and Surface Passivation in Organolead Halide Perovskites with Capping Ligands and Metal Oxide Interfaces. <i>Advanced Optical Materials</i> , 2018 , 6, 1701203 | 8.1 | 14 |
| 52 | Highly photoluminescent, dense solid films from organic-capped CH ₃ NH ₃ PbBr ₃ perovskite colloids. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 6771-6777 | 7.1 | 18 |
| 51 | FeO@Au@mSiO ₂ as an enhancing nanoplatform for Rose Bengal photodynamic activity. <i>Nanoscale</i> , 2017 , 9, 10388-10396 | 7.7 | 24 |
| 50 | Delayed Luminescence in Lead Halide Perovskite Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 13381-13390 | 3.8 | 109 |
| 49 | The Luminescence of CH ₃ NH ₃ PbBr Perovskite Nanoparticles Crests the Summit and Their Photostability under Wet Conditions is Enhanced. <i>Small</i> , 2016 , 12, 5245-5250 | 11 | 98 |
| 48 | Light-responsive hybrid material based on luminescent core-shell quantum dots and steroidal organogel. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 7035-7042 | 7.1 | 13 |

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| 47 | Organic-inorganic and all-inorganic lead halide nanoparticles [Invited]. <i>Optics Express</i> , 2016 , 24, A285-301 | 3.3 | 58 |
| 46 | Synergism at the Nanoscale. <i>Advances in Chemical and Materials Engineering Book Series</i> , 2016 , 42-77 | 0.2 | 3 |
| 45 | Electrochemistry of Metal Nanoparticles and Quantum Dots 2016 , 715-743 | | |
| 44 | Efficient Cementing of CH ₃ NH ₃ PbBr ₃ Nanoparticles to Upconversion Nanoparticles Visualized by Confocal Microscopy. <i>Advanced Functional Materials</i> , 2016 , 26, 5131-5138 | 15.6 | 30 |
| 43 | Blue-luminescent organic lead bromide perovskites: highly dispersible and photostable materials. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 14039-14045 | 13 | 72 |
| 42 | Controlled building of CdSe@ZnS/Au and CdSe@ZnS/Au ₂ S/Au nanohybrids. <i>Nano Research</i> , 2015 , 8, 2271-2287 | 10 | 7 |
| 41 | Three independent channel nanohybrids as fluorescent probes. <i>RSC Advances</i> , 2015 , 5, 90065-90070 | 3.7 | 1 |
| 40 | Maximizing the emissive properties of CH ₃ NH ₃ PbBr ₃ perovskite nanoparticles. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 9187-9193 | 13 | 273 |
| 39 | Organometal Halide Perovskites: Bulk Low-Dimension Materials and Nanoparticles. <i>Particle and Particle Systems Characterization</i> , 2015 , 32, 709-720 | 3.1 | 111 |
| 38 | Electrochemistry of Metal Nanoparticles and Quantum Dots 2015 , 1-25 | | |
| 37 | Nontemplate synthesis of CH ₃ NH ₃ PbBr ₃ perovskite nanoparticles. <i>Journal of the American Chemical Society</i> , 2014 , 136, 850-3 | 16.4 | 937 |
| 36 | Pyrene-Capped CdSe@ZnS Nanoparticles as Sensitive Flexible Oxygen Sensors in Non-Aqueous Media. <i>ChemistryOpen</i> , 2014 , 3, 199-205 | 2.3 | 11 |
| 35 | Electrochemistry of Metal Nanoparticles and Quantum Dots 2014 , 1-25 | | |
| 34 | Unconventional Fluorescence Quenching in Naphthalimide-Capped CdSe/ZnS Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 7365-7375 | 3.8 | 15 |
| 33 | Sensing chiral drugs by using CdSe/ZnS nanoparticles capped with N-acetyl-L-cysteine methyl ester. <i>Chemistry - A European Journal</i> , 2013 , 19, 11068-76 | 4.8 | 45 |
| 32 | Further insight into the photostability of the pyrene fluorophore in halogenated solvents. <i>ChemPhysChem</i> , 2012 , 13, 835-44 | 3.2 | 10 |
| 31 | Photoluminescence enhancement of CdSe quantum dots: a case of organogel-nanoparticle symbiosis. <i>Journal of the American Chemical Society</i> , 2012 , 134, 20554-63 | 16.4 | 62 |
| 30 | Nitroanilines as quenchers of pyrene fluorescence. <i>ChemPhysChem</i> , 2012 , 13, 4195-201 | 3.2 | 21 |

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|----|--|------|----|
| 29 | Highly fluorescent and photostable organic- and water-soluble CdSe/ZnS core-shell quantum dots capped with thiols. <i>RSC Advances</i> , 2012 , 2, 1632-1638 | 3.7 | 37 |
| 28 | Pyrene-functionalized nanoparticles: two independent sensors, the excimer and the monomer. <i>Analytical Chemistry</i> , 2012 , 84, 8083-7 | 7.8 | 30 |
| 27 | Quantum dot/cyclodextrin supramolecular systems based on efficient molecular recognition and their use for sensing. <i>Chemical Communications</i> , 2012 , 48, 2573-5 | 5.8 | 30 |
| 26 | Size reduction of CdSe/ZnS core-shell quantum dots photosensitized by benzophenone: where does the Cd(0) go?. <i>Langmuir</i> , 2011 , 27, 1942-5 | 4 | 18 |
| 25 | Fluorescence enhancement of amine-capped CdSe/ZnS quantum dots by thiol addition. <i>Canadian Journal of Chemistry</i> , 2011 , 89, 359-363 | 0.9 | 11 |
| 24 | Catalytic processes activated by light. <i>Energy and Environmental Science</i> , 2010 , 3, 1488 | 35.4 | 48 |
| 23 | Alkoxy-styryl DCDHF fluorophores. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 7768-71 | 3.6 | 11 |
| 22 | The use of quantum dots in organic chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , 2009 , 28, 279-291 | 14.6 | 73 |
| 21 | Photochemical size reduction of CdSe and CdSe/ZnS semiconductor nanoparticles assisted by n pi* aromatic ketones. <i>Journal of the American Chemical Society</i> , 2009 , 131, 892-3 | 16.4 | 29 |
| 20 | Fluorescence quenching of CdSe quantum dots by tertiary amines and their surface binding effect. <i>Photochemical and Photobiological Sciences</i> , 2009 , 8, 70-4 | 4.2 | 27 |
| 19 | Fluorescence quenching inhibition of substituted indoles by neutral and ionized cyclodextrins nanocavities. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007 , 187, 356-362 | 4.7 | 5 |
| 18 | Kinetic solvent effects on the reaction of an aromatic ketone pi,pi* triplet with phenol. rate-retarding and rate-accelerating effects of hydrogen-bond acceptor solvents. <i>Journal of the American Chemical Society</i> , 2007 , 129, 9280-1 | 16.4 | 28 |
| 17 | Aromatic ketones as photocatalysts: combined action as triplet photosensitiser and ground state electron acceptor. <i>ChemPhysChem</i> , 2006 , 7, 2077-80 | 3.2 | 3 |
| 16 | Diaryl Ketones as Photoactivators. <i>Mini-Reviews in Organic Chemistry</i> , 2006 , 3, 117-135 | 1.7 | 19 |
| 15 | Doping of photonic crystal fibers with fluorescent probes: possible functional materials for optrode sensors. <i>Journal of Materials Chemistry</i> , 2006 , 16, 1697-1701 | | 18 |
| 14 | Non-linear effects in the quenching of fluorescent quantum dots by nitroxyl free radicals. <i>Chemical Communications</i> , 2006 , 257-9 | 5.8 | 76 |
| 13 | Triplet exciplexes as energy transfer photosensitisers. <i>Chemical Communications</i> , 2006 , 1021-3 | 5.8 | 5 |
| 12 | Non-linear effects in the quenching of fluorescent semiconductor nanoparticles by paramagnetic species. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2006 , 203, 1337-1343 | 1.6 | 47 |

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|----|---|-----|----|
| 11 | Photoreaction between benzoylthiophenes and N-BOC-tryptophan methyl ester. <i>Photochemistry and Photobiology</i> , 2006 , 82, 231-6 | 3.6 | 7 |
| 10 | Stereodifferentiation in the formation and decay of the encounter complex in bimolecular electron transfer with photoactivated acceptors. <i>Chemical Communications</i> , 2005 , 3180-2 | 5.8 | 11 |
| 9 | Influence of substitution at the benzylic position on the behavior of stereoisomeric phosphorus compounds as precursors of stabilized carbon-centered radicals. <i>Organic Letters</i> , 2005 , 7, 3869-72 | 6.2 | 13 |
| 8 | Hydroxypropyl- β -cyclodextrin effect on the fluorescence of auxin and skatole and on the simultaneous determination of binary mixtures of indole compounds in urine by first derivative spectrofluorimetry. <i>Analytica Chimica Acta</i> , 2005 , 540, 393-401 | 6.6 | 13 |
| 7 | Intramolecular electron transfer between tyrosine and tryptophan photosensitized by a chiral π, π^* aromatic ketone. <i>Chemistry - A European Journal</i> , 2005 , 11, 3443-8 | 4.8 | 17 |
| 6 | Benzo[d]-1,2-oxaphospholes as precursors of stabilized C-centered radicals. <i>Organic Letters</i> , 2004 , 6, 561-4 | 6.2 | 12 |
| 5 | Photoreaction between 2-benzoylthiophene and phenol or indole. <i>Journal of Organic Chemistry</i> , 2003 , 68, 5104-13 | 4.2 | 45 |
| 4 | Steady-state and time-resolved studies on the formation of skatolyl radicals photosensitized by 2-benzoylthiophene. <i>Photochemical and Photobiological Sciences</i> , 2003 , 2, 1200-4 | 4.2 | 4 |
| 3 | Simultaneous Fluorimetric Determination of Pteridin Derivatives: Comparison between Synchronous, Partial Least-Squares, and Hybrid Linear Analysis Methods. <i>Applied Spectroscopy</i> , 2001 , 55, 701-707 | 3.1 | 6 |
| 2 | Hydroxypropyl-beta-cyclodextrin enhanced fluorimetric method for the determination of melatonin and 5-methoxytryptamine. <i>Analyst, The</i> , 2000 , 125, 1465-70 | 5 | 26 |
| 1 | Cyclodextrin enhanced fluorimetric method for the determination of tryptamine. <i>Analyst, The</i> , 1998 , 123, 1587-91 | 5 | 32 |