

Samir Acherar

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,274
citations

430442

18
h-index

360668

35
g-index

55
all docs

55
docs citations

55
times ranked

2020
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Reduced graphene oxide-based superhydrophobic magnetic nanomaterial as high selective and recyclable sorbent for oil/organic solvent wastewater treatment. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 8491-8506. | 1.8 | 5 |
| 2 | 2-Aminopyridine Cadmium (II) meso-chlorophenylporphyrin coordination compound. Photophysical properties, X-ray molecular structure, antimicrobial activity, and molecular docking analysis. <i>Journal of Chemical Sciences</i> , 2022, 134, 1. | 0.7 | 4 |
| 3 | New cadmium(II) porphyrin-based coordination dimer: Experimental and theoretic studies. <i>Journal of Solid State Chemistry</i> , 2022, 314, 123364. | 1.4 | 2 |
| 4 | DABCO cadmium(II) tetrakis(4-methoxyphenyl)porphyrin complex – Structure, photophysical properties, and adsorption removal of methylene blue dye. <i>Inorganica Chimica Acta</i> , 2021, 515, 120046. | 1.2 | 15 |
| 5 | Doxorubicin Intracellular Release <i>Via</i> External UV Irradiation of Dextran-g-poly(<i>o</i> -nitrobenzyl acrylate) Photosensitive Nanoparticles. <i>ACS Applied Bio Materials</i> , 2021, 4, 2742-2751. | 2.3 | 9 |
| 6 | Photophysical Properties of Protoporphyrin IX, Porphyrin-a, and Photofrin® in Different Conditions. <i>Pharmaceuticals</i> , 2021, 14, 138. | 1.7 | 41 |
| 7 | Synthesis of New Water Soluble β -Cyclodextrin@Curcumin Conjugates and In Vitro Safety Evaluation in Primary Cultures of Rat Cortical Neurons. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3255. | 1.8 | 4 |
| 8 | Multigram-scale HPLC enantioseparation as a rescue pathway for circumventing racemization problem during enantioselective synthesis of ethyl 3,4-dihydro-2H-1,4-benzoxazine-2-carboxylate. <i>Chirality</i> , 2021, 33, 324-336. | 1.3 | 0 |
| 9 | Peptide-conjugated nanoparticles for targeted photodynamic therapy. <i>Nanophotonics</i> , 2021, 10, 3089-3134. | 2.9 | 14 |
| 10 | Synthesis, X-ray molecular structure and QTAIM and NCI-RDG theoretic studies of a new cadmium (II) (4,4'-diaminodiphenylmethane) (meso-arylporphyrin) coordination compound. <i>Inorganic Chemistry Communication</i> , 2021, 133, 108924. | 1.8 | 5 |
| 11 | Design of a Targeting and Oxygen-Independent Platform to Improve Photodynamic Therapy: A Proof of Concept. <i>ACS Applied Bio Materials</i> , 2021, 4, 1330-1339. | 2.3 | 11 |
| 12 | Preliminary Study of New Gallium-68 Radiolabeled Peptide Targeting NRP-1 to Detect Brain Metastases by Positron Emission Tomography. <i>Molecules</i> , 2021, 26, 7273. | 1.7 | 4 |
| 13 | Inclusion complex vs. conjugation of hydrophobic photosensitizers with β -cyclodextrin: Improved disaggregation and photodynamic therapy efficacy against glioblastoma cells. <i>Materials Science and Engineering C</i> , 2020, 109, 110604. | 3.8 | 7 |
| 14 | Multiscale Selectivity and in vivo Biodistribution of NRP-1-Targeted Theranostic AuIX Nanoparticles for PDT of Glioblastoma. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 8739-8758. | 3.3 | 19 |
| 15 | Enantiopure ethyl 2,3-dibromopropionate: Enantioselective synthesis vs preparative HPLC enantioseparation of racemate on multigram scale. <i>Chirality</i> , 2020, 32, 1045-1052. | 1.3 | 2 |
| 16 | Dual imaging and photodynamic therapy anticancer theranostic nanoparticles. , 2020, , 105-146. | | 3 |
| 17 | Light-sensitive dextran-covered PNBA nanoparticles to continuously or discontinuously improve the drug release. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 182, 110393. | 2.5 | 21 |
| 18 | Fighting Hypoxia to Improve PDT. <i>Pharmaceuticals</i> , 2019, 12, 163. | 1.7 | 113 |

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|----|--|-----|-----------|
| 19 | Distorted five-coordinate square pyramidal geometry of a cadmium(II) complex containing a 2-methylimidazole ligand: Crystal structure and axial ligand effect on spectroscopic properties. <i>Polyhedron</i> , 2019, 173, 114107. | 1.0 | 8 |
| 20 | New Targeted Gold Nanorods for the Treatment of Glioblastoma by Photodynamic Therapy. <i>Journal of Clinical Medicine</i> , 2019, 8, 2205. | 1.0 | 27 |
| 21 | Using x-ray in photodynamic therapy (Conference Presentation). , 2019, , . | | 0 |
| 22 | Light-sensitive dextran-covered PNBA nanoparticles as triggered drug delivery systems: Formulation, characteristics and cytotoxicity. <i>Journal of Colloid and Interface Science</i> , 2018, 514, 289-298. | 5.0 | 33 |
| 23 | Development of new ionic gelation strategy: Towards the preparation of new monodisperse and stable hyaluronic acid/ β -cyclodextrin-grafted chitosan nanoparticles as drug delivery carriers for doxorubicin. <i>Frontiers of Materials Science</i> , 2018, 12, 83-94. | 1.1 | 5 |
| 24 | Using X-rays in photodynamic therapy: an overview. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 1612-1650. | 1.6 | 92 |
| 25 | Use of Cyclodextrins in Anticancer Photodynamic Therapy Treatment. <i>Molecules</i> , 2018, 23, 1936. | 1.7 | 42 |
| 26 | Synthesis and Conformational Analysis of 1:1 [β -CD/ β -Hydrazino] and 1:1 [β -CD/ β -Hydrazino] β -CD Trimers: Determination of the β -CD/ β -Hydrazino Value for the β -CD Turn Structuration. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 4754-4761. | 1.2 | 1 |
| 27 | Dye-sensitized nanoparticles for heterogeneous photocatalysis: Cases studies with TiO ₂ , ZnO, fullerene and graphene for water purification. <i>Dyes and Pigments</i> , 2018, 159, 49-71. | 2.0 | 188 |
| 28 | Low-cost and multi-gram scale synthesis of chiral β -Boc protected β -hydrazino diesters. <i>Tetrahedron Letters</i> , 2017, 58, 1216-1218. | 0.7 | 1 |
| 29 | Synthesis of mono-, di- and triporphyrin building blocks by click chemistry for photodynamic therapy application. <i>Tetrahedron</i> , 2017, 73, 532-541. | 1.0 | 7 |
| 30 | Self-Organization Ability of Chiral β -Substituted, β -Boc Protected β -Hydrazinoacetamides in the Crystal and Solution States. <i>Journal of Organic Chemistry</i> , 2017, 82, 9937-9945. | 1.7 | 4 |
| 31 | Folic acid conjugates with photosensitizers for cancer targeting in photodynamic therapy: Synthesis and photophysical properties. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 1-10. | 1.4 | 49 |
| 32 | The application of titanium dioxide, zinc oxide, fullerene, and graphene nanoparticles in photodynamic therapy. <i>Cancer Nanotechnology</i> , 2017, 8, 6. | 1.9 | 93 |
| 33 | Inactivation of Malaria Parasites in Blood: PDT vs Inhibition of Hemozoin Formation. , 2016, , . | | 4 |
| 34 | Stability of folic acid under several parameters. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 93, 419-430. | 1.9 | 117 |
| 35 | Pseudopeptide bioconjugate additives for CO ₂ separation membranes. <i>Polymer International</i> , 2016, 65, 1464-1473. | 1.6 | 9 |
| 36 | Spontaneous Self-Assembly of Fully Protected Ester 1:1 [β -CD- β -hydrazino] Pseudodipeptides into a Twisted Parallel β -Sheet in the Crystal State. <i>Journal of Organic Chemistry</i> , 2016, 81, 9037-9045. | 1.7 | 4 |

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|----|---|-----|-----------|
| 37 | Inorganic Nanoparticles for Photodynamic Therapy. <i>Topics in Current Chemistry</i> , 2016, 370, 113-134. | 4.0 | 51 |
| 38 | Synthesis of Porphyrin, Chlorin and Phthalocyanine Derivatives by Azide-Alkyne Click Chemistry. <i>Current Medicinal Chemistry</i> , 2015, 22, 3217-3254. | 1.2 | 24 |
| 39 | New Peptide-Conjugated Chlorin-Type Photosensitizer Targeting Neuropilin-1 for Anti-Vascular Targeted Photodynamic Therapy. <i>International Journal of Molecular Sciences</i> , 2015, 16, 24059-24080. | 1.8 | 29 |
| 40 | Synthesis and photophysical properties of the photoactivatable cationic porphyrin 5-(4-N-dodecylpyridyl)-10,15,20-tri(4-N-methylpyridyl)-21H,23H-porphyrin tetraiodide for anti-malaria PDT. <i>Photochemical and Photobiological Sciences</i> , 2015, 14, 1290-1295. | 1.6 | 22 |
| 41 | Evidence of Nanotubular Self-Organization in Solution and Solid States of Heterochiral Cyclo 1:1 [\pm / \pm -N¹-Bn-hydrazino]mers Series. <i>Journal of Organic Chemistry</i> , 2015, 80, 3022-3029. | 1.7 | 10 |
| 42 | Conformational Behavior of 1:1 [\pm / \pm -Hydrazino]mer, 1:1 [\pm / \pm -Aza³-amino]mer and 1:1 [Aza³-amino/ \pm]mer Series: Three Series of Foldamers. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 5603-5613. | 1.2 | 11 |
| 43 | Total synthesis of high loading capacity PEG-based supports: evaluation and improvement of the process by use of ultrafiltration and PEG as a solvent. <i>Green Chemistry</i> , 2013, 15, 1016. | 4.6 | 41 |
| 44 | An expedient and short synthesis of chiral \pm -hydrazinoesters: synthesis and conformational analysis of 1:1 [\pm / \pm -N \pm -hydrazino]mers. <i>Tetrahedron</i> , 2012, 68, 4682-4692. | 1.0 | 20 |
| 45 | Efficient synthesis of N-Me, N-Boc-protected \pm -hydrazinoacids: access to 1:1:1 [N-Me \pm -hydrazino/ \pm /N-Me \pm -hydrazino]trimers. <i>Tetrahedron Letters</i> , 2009, 50, 6377-6379. | 0.7 | 7 |
| 46 | Practical and efficient entry to isoflavones by Pd(0)/C-mediated Suzuki-Miyaura reaction. Total synthesis of geranylated isoflavones. <i>Tetrahedron</i> , 2007, 63, 3010-3016. | 1.0 | 39 |
| 47 | Lipase-Promoted Access to Phenolic Herbertane-Type Sesquiterpenes: (+)-1,14-Herbertenediol, (?)-?-Herbertenol, (?)-Herbertenediol and Their Enantiomers. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 5092-5099. | 1.2 | 12 |
| 48 | Enantioselective synthesis of natural ($\hat{\alpha}$)-tochuinyl acetate, ($\hat{\alpha}$)-dihydrotochuinyl acetate and (+)- $\hat{\alpha}$ -cuparenone using both enantiomers of the same building block. <i>Tetrahedron</i> , 2004, 60, 5907-5912. | 1.0 | 17 |
| 49 | Enantioselective Synthesis of 3-Methylcarbapentofuranose Derivatives, Based on a Chemoenzymatic Procedure. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 92-98. | 1.2 | 9 |
| 50 | Use of lipase-catalyzed kinetic resolution for the enantioselective approach toward sesquiterpenes containing quaternary centers: the cuparane family. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 2413-2418. | 1.8 | 18 |