# Miryana HÃ©madi

List of Publications by Year
in descending order



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|---|---|---|---|
| 42 papers | 1,727 citations | 304743 22 h-index | 289244 40 g-index |
| 43 all docs | 43 docs citations | 43 times ranked | 2740 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Recent advances in nanotechnology for eradicating bacterial biofilm. Theranostics, 2022, 12, 2383-2405. | 10.0 | 43 |
| 2 | Grafting TRAIL through Either Amino or Carboxylic Groups onto Maghemite Nanoparticles: Influence on Pro-Apoptotic Efficiency. Nanomaterials, 2021, 11, 502. | 4.1 | 3 |
| 3 | Supramolecular organization and biological interaction of squalenoyl siRNA nanoparticles. International Journal of Pharmaceutics, 2021, 609, 121117. | 5.2 | 3 |
| 4 | Tissue damage from neutrophil-induced oxidative stress in COVID-19. Nature Reviews Immunology, 2020, 20, 515-516. | 22.7 | 430 |
| 5 | Magnetic nanoparticles in regenerative medicine: what of their fate and impact in stem cells?. Materials Today Nano, 2020, 11, 100084. | 4.6 | 44 |
| 6 | TRAIL acts synergistically with iron oxide nanocluster-mediated magneto- and photothermia. Theranostics, 2019, 9, 5924-5936. | 10.0 | 14 |
| 7 | Carbon dots, a powerful non-toxic support for bioimaging by fluorescence nanoscopy and eradication of bacteria by photothermia. Nanoscale Advances, 2019, 1, 2571-2579. | 4.6 | 25 |
| 8 | New Iron Oxide Nanoparticles Catechol-Grafted with Bis(amidoxime)s for Uranium(VI) Depletion of Aqueous Solution. Journal of Nanoscience and Nanotechnology, 2019, 19, 4911-4919. | 0.9 | 6 |
| 9 | Coupling tumor necrosis factorâ€related apoptosisâ€inducing ligand to iron oxide nanoparticles increases its apoptotic activity on HCT116 and HepG2 malignant cells: effect of magnetic core size. Journal of Interdisciplinary Nanomedicine, 2019, 4, 34-50. | 3.6 | 7 |
| 10 | Biosynthesis of magnetic nanoparticles from nano-degradation products revealed in human stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 4044-4053. | 7.1 | 98 |
| 11 | Synthesis of bis(amidoxime)s and evaluation of their properties as uranyl-complexing agents. Tetrahedron, 2018, 74, 2641-2649. | 1.9 | 11 |
| 12 | Highly efficient and selective extraction of uranium from aqueous solution using a magnetic device: succinyl-Î²-cyclodextrin-APTES@maghemite nanoparticles. Environmental Science: Nano, 2018, 5, 158-168. | 4.3 | 37 |
| 13 | Physiological Remediation of Cobalt Ferrite Nanoparticles by Ferritin. Scientific Reports, 2017, 7, 40075. | 3.3 | 24 |
| 14 | New sensitive and selective calixarene-based fluorescent sensors for the detection of Cs<sup>+</sup> in an organoaqueous medium. New Journal of Chemistry, 2017, 41, 7162-7170. | 2.8 | 21 |
| 15 | Functionalization of Iron Oxide Nanoparticles With HSA Protein for Thermal Therapy. IEEE Transactions on Magnetics, 2017, 53, 1-5. | 2.1 | 12 |
| 16 | Maghemite nanoparticles coated with human serum albumin: combining targeting by the iron-acquisition pathway and potential in photothermal therapies. Journal of Materials Chemistry B, 2017, 5, 3154-3162. | 5.8 | 18 |
| 17 | TRAILâ€“NP hybrids for cancer therapy: a review. Nanoscale, 2017, 9, 5755-5768. | 5.6 | 37 |
| 18 | Maghemite nanoparticles bearing di(amidoxime) groups for the extraction of uranium from wastewaters. AIP Advances, 2017, 7, . | 1.3 | 7 |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 19 | Ferritin Protein Regulates the Degradation of Iron Oxide Nanoparticles. Small, 2017, 13, 1602030. | 10.0 | 69 |
| 20 | Functionalized magnetic nanoparticles for the decontamination of water polluted with cesium. AIP Advances, 2016, 6, . | 1.3 | 4 |
| 21 | Targeted Delivery of Amoxicillin to C. trachomatis by the Transferrin Iron Acquisition Pathway. PLoS ONE, 2016, 11, e0150031. | 2.5 | 7 |
| 22 | Transferrin-bearing maghemite nano-constructs for biomedical applications. Journal of Applied Physics, 2015, 117, 17A336. | 2.5 | 16 |
| 23 | Iron uptake and transfer from ceruloplasmin to transferrin. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 1771-1781. | 2.4 | 42 |
| 24 | Design and synthesis of 3-isoxazolidone derivatives as new Chlamydia trachomatis inhibitors. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 3854-3860. | 2.2 | 7 |
| 25 | Synthesis and evaluation of 3-acyltetronic acid-containing metal complexing agents. Tetrahedron, 2013, 69, 10842-10848. | 1.9 | 8 |
| 26 | A new series of Cs+, K+ and Na+ chelators: Synthesis, kinetics, thermodynamics and modeling. Inorganica Chimica Acta, 2013, 394, 45-57. | 2.4 | 9 |
| 27 | Transferrin receptor-1 iron-acquisition pathway â€" Synthesis, kinetics, thermodynamics and rapid cellular internalization of a holotransferrinâ€"maghemite nanoparticle construct. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 4254-4264. | 2.4 | 24 |
| 28 | Gallium Uptake and Transport by Transferrin. , 2013, , 812-818. | | 0 |
| 29 | Uptake and release of metal ions by transferrin and interaction with receptor 1. Biochimica Et Biophysica Acta - General Subjects, 2012, 1820, 334-347. | 2.4 | 70 |
| 30 | Polyol-synthesized Zn0.9Mn0.1S nanoparticles as potential luminescent and magnetic bimodal imaging probes: synthesis, characterization, and toxicity study. Journal of Nanoparticle Research, 2012, 14, 1. | 1.9 | 32 |
| 31 | Can Uranium Be Transported by the Iron-Acquisition Pathway? Ur Uptake by Transferrin. Journal of Physical Chemistry B, 2011, 115, 4206-4215. | 2.6 | 11 |
| 32 | Can uranium follow the iron-acquisition pathway? Interaction of uranyl-loaded transferrin with receptor 1. Journal of Biological Inorganic Chemistry, 2010, 15, 497-504. | 2.6 | 24 |
| 33 | In Vitro Interaction between Ceruloplasmin and Human Serum Transferrin. Biochemistry, 2010, 49, 10261-10263. | 2.5 | 20 |
| 34 | Nano-gold biosynthesis by silica-encapsulated micro-algae: a â€œlivingâ€•bio-hybrid material. Journal of Materials Chemistry, 2010, 20, 9342. | 6.7 | 85 |
| 35 | Cobalt and the Iron Acquisition Pathway: Competition towards Interaction with Receptor 1. Journal of Molecular Biology, 2008, 380, 900-916. | 4.2 | 27 |
| 36 | Kinetics and thermodynamics of metal-loaded transferrins: transferrin receptor 1 interactions. Biochemical Society Transactions, 2008, 36, 1422-1426. | 3.4 | 21 |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 37 | Cyanobacteria as Bioreactors for the Synthesis of Au, Ag, Pd, and Pt Nanoparticles via an Enzyme-Mediated Route. Journal of Nanoscience and Nanotechnology, 2007, 7, 2696-2708. | 0.9 | 197 |
| 38 | Biomimetic Growth of Silica Tubes in Confined Media. Langmuir, 2006, 22, 9092-9095. | 3.5 | 24 |
| 39 | The Mechanism of Iron Release from the Transferrin-Receptor 1 Adduct. Journal of Molecular Biology, 2006, 358, 1125-1136. | 4.2 | 33 |
| 40 | Mechanism of Formation of the Complex between Transferrin and Bismuth, and Interaction with Transferrin Receptor 1. Biochemistry, 2004, 43, 14722-14731. | 2.5 | 34 |
| 41 | Transferrin's Mechanism of Interaction with Receptor 1. Biochemistry, 2004, 43, 1736-1745. | 2.5 | 53 |
| 42 | Aluminum Exchange between Citrate and Human Serum Transferrin and Interaction with Transferrin Receptor 1. Biochemistry, 2003, 42, 3120-3130. | 2.5 | 60 |