

# Anna Basa

## List of Publications by Year in descending order

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29  
papers

447  
citations

687363  
13  
h-index

752698  
20  
g-index

30  
all docs

30  
docs citations

30  
times ranked

593  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Multifunctional Tannic Acid/Silver Nanoparticle-Based Mucoadhesive Hydrogel for Improved Local Treatment of HSV Infection: In Vitro and In Vivo Studies. <i>International Journal of Molecular Sciences</i> , 2018, 19, 387.     | 4.1 | 61        |
| 2  | Alginate Oligosaccharides Affect Mechanical Properties and Antifungal Activity of Alginate Buccal Films with Posaconazole. <i>Marine Drugs</i> , 2019, 17, 692.  | 4.6 | 36        |
| 3  | The Effect of $\beta$ -Glycerophosphate Crosslinking on Chitosan Cytotoxicity and Properties of Hydrogels for Vaginal Application. <i>Polymers</i> , 2015, 7, 2223-2244.   | 4.5 | 33        |
| 4  | Reaching the full capacity of the electrode material $\text{Li}_3\text{FeF}_6$ by decreasing the particle size to nanoscale. <i>Journal of Power Sources</i> , 2012, 197, 260-266.   | 7.8 | 26        |
| 5  | Pristine and Graphene-Quantum-Dots-Decorated Spinel Nickel Aluminate for Water Remediation from Dyes and Toxic Pollutants. <i>Water (Switzerland)</i> , 2019, 11, 953.   | 2.7 | 24        |
| 6  | Multilayer Films Based on Chitosan/Pectin Polyelectrolyte Complexes as Novel Platforms for Buccal Administration of Clotrimazole. <i>Pharmaceutics</i> , 2021, 13, 1588.   | 4.5 | 24        |
| 7  | Rare-Earth Metals-Doped Nickel Aluminate Spinel for Photocatalytic Degradation of Organic Pollutants. <i>Catalysts</i> , 2020, 10, 1003.   | 3.5 | 18        |
| 8  | Polypyrrole Nanoparticles Doped with Fullerene Uniformly Distributed in the Polymeric Phase: Synthesis, Morphology, and Electrochemical Properties. <i>Journal of Physical Chemistry C</i> , 2018, 122, 25539-25554.             | 3.1 | 17        |
| 9  | Utilization of Ethylcellulose Microparticles with Rupatadine Fumarate in Designing Orodispersible Minitablets with Taste Masking Effect. <i>Materials</i> , 2020, 13, 2715.  | 2.9 | 17        |
| 10 | Tragacanth Gum/Chitosan Polyelectrolyte Complexes-Based Hydrogels Enriched with Xanthan Gum as Promising Materials for Buccal Application. <i>Materials</i> , 2021, 14, 86.  | 2.9 | 17        |
| 11 | Characterization and taste masking evaluation of microparticles with cetirizine dihydrochloride and methacrylate-based copolymer obtained by spray drying. <i>Acta Pharmaceutica</i> , 2017, 67, 113-124.                        | 2.0 | 16        |
| 12 | “Success Depends on Your Backbone” About the Use of Polymers as Essential Materials Forming Orodispersible Films. <i>Materials</i> , 2021, 14, 4872.   | 2.9 | 16        |
| 13 | Chemical synthesis and characterization of the $\text{C}_{60}$ -Pd polymer spherical nanoparticles. <i>Electrochimica Acta</i> , 2014, 128, 91-101.  | 5.2 | 15        |
| 14 | Synthesis of polyaniline nanotubes decorated with graphene quantum dots: Structural & electrochemical studies. <i>Electrochimica Acta</i> , 2021, 388, 138614.   | 5.2 | 15        |
| 15 | Ethylcellulose in Organic Solution or Aqueous Dispersion Form in Designing Taste-Masked Microparticles by the Spray Drying Technique with a Model Bitter Drug: Rupatadine Fumarate. <i>Polymers</i> , 2019, 11, 522.             | 4.5 | 14        |
| 16 | Nanostructured Lipid Carriers Engineered as Topical Delivery of Etodolac: Optimization and Cytotoxicity Studies. <i>Materials</i> , 2021, 14, 596.   | 2.9 | 14        |
| 17 | Importance of Surfactant Quantity and Quality on Growth Regime of Iron Oxide Nanoparticles. <i>Materials</i> , 2020, 13, 1747.   | 2.9 | 12        |
| 18 | Mediated Electrocatalysis at the Electrodes Covered with $[\text{M}(\text{bpy})_3](\text{ClO}_4)_3$ ( $\text{M}=\text{Co}$ and $\text{Fe}$ ) in the Presence of Electroactive Solutes. <i>Electroanalysis</i> , 2003, 15, 55-64. | 2.9 | 10        |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 19 | Orodispersible Films with Rupatadine Fumarate Enclosed in Ethylcellulose Microparticles as Drug Delivery Platform with Taste-Masking Effect. <i>Materials</i> , 2022, 15, 2126.  | 2.9  | 9         |
| 20 | Cyclic chronopotentiometric determination of sugars at Au and Pt microelectrodes in flowing solutions. <i>Journal of Chromatography A</i> , 2007, 1150, 312-319.   | 3.7  | 8         |
| 21 | Could spray-dried microbeads with chitosan glutamate be considered as promising vaginal microbicide carriers? The effect of process variables on the in vitro functional and physicochemical characteristics. <i>International Journal of Pharmaceutics</i> , 2019, 568, 118558. | 5.2  | 8         |
| 22 | Formation and characterization of mesoporous silica MCM-48 and polypyrrole composite. <i>Chemistry of Heterocyclic Compounds</i> , 2017, 53, 78-86.  | 1.2  | 7         |
| 23 | Does the Freeze-Thaw Technique Affect the Properties of the Alginate/Chitosan Glutamate Gels with Posaconazole as a Model Antifungal Drug?. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6775.   | 4.1  | 7         |
| 24 | Irrigation affects characteristics of narrow-leaved lupin ( <i>Lupinus angustifolius</i> L.) seeds. <i>Planta</i> , 2019, 249, 1731-1746.  | 3.2  | 6         |
| 25 | Carbon coating of air-sensitive insulating transition metal fluorides: An example study on $\text{Li}_3\text{FeF}_6$ high-performance cathode for lithium ion batteries. <i>Journal of Materials Science and Technology</i> , 2020, 55, 107-115.                                 | 10.7 | 6         |
| 26 | Cyclic Chronopotentiometry as a Detection Tool for Flowing Solution Systems. <i>Analytical Chemistry</i> , 2006, 78, 6747-6755.  | 6.5  | 4         |
| 27 | Irrigation-Induced Changes in Chemical Composition and Quality of Seeds of Yellow Lupine ( <i>Lupinus</i> ) Tj ETQq1 1 0.784314 rgBT /Ove  | 4.1  | 4         |
| 28 | Oxidized MWCNTs as an Oxidizing Agent and Dopant in MWCNT@Polypyrrole Composite Formation**. <i>ChemElectroChem</i> , 2021, 8, 3049-3063.  | 3.4  | 2         |
| 29 | Amorphous and Crystalline Vanadium Orthophosphate and Oxidized Multiwalled Carbon Nanotube Composites as Anode Materials in Sodium-Ion Batteries. <i>ChemElectroChem</i> , 2022, 9, .  | 3.4  | 1         |