# Guilhem Godeau

List of Publications by Year
in descending order



| 66 | 891 | 516215<br>16 | 552369<br>26 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 66 | 66 | 66 | 1002 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Investigation on dung beetle's (Heliocopris Hope, 1838) chitosan valorisation for hydrogel 3D printing. International Journal of Biological Macromolecules, 2022, 199, 172-180. | 3.6 | 5 |
| 2 | Adsorption of Organic Dyes on Magnetic Iron Oxide Nanoparticles. Part I: Mechanisms and Adsorption-Induced Nanoparticle Agglomeration. ACS Omega, 2021, 6, 19086-19098. | 1.6 | 28 |
| 3 | Adsorption of Organic Dyes on Magnetic Iron Oxide Nanoparticles. Part II: Field-Induced Nanoparticle Agglomeration and Magnetic Separation. Langmuir, 2021, 37, 10612-10623. | 1.6 | 4 |
| 4 | Bioinspired and Post-Functionalized 3D-Printed Surfaces with Parahydrophobic Properties. Biomimetics, 2021, 6, 71. | 1.5 | 5 |
| 5 | Improved Magneto-Microfluidic Separation of Nanoparticles through Formation of the Î²-Cyclodextrinâ€“Curcumin Inclusion Complex. Langmuir, 2021, 37, 14345-14359. | 1.6 | 3 |
| 6 | The influence of bath temperature on the one-step electrodeposition of non- wetting copper oxide coatings. Applied Surface Science, 2020, 503, 144094. | 3.1 | 15 |
| 7 | Investigation on Mecynorhina torquata Drury, 1782 (Coleoptera, Cetoniidae, Goliathini) cuticle: Surface properties, chitin and chitosan extraction. International Journal of Biological Macromolecules, 2020, 164, 1164-1173. | 3.6 | 8 |
| 8 | Chitosan Extraction from Goliathus orientalis Moser, 1909: Characterization and Comparison with Commercially Available Chitosan. Biomimetics, 2020, 5, 15. | 1.5 | 7 |
| 9 | Wetting Transition from Hydrophilic to Superhydrophobic over Dendrite Copper Leaves Grown on Steel Meshes. Journal of Bionic Engineering, 2019, 16, 719-729. | 2.7 | 12 |
| 10 | Fabrication of Superhydrophobic Hierarchical Surfaces by Square Pulse Electrodeposition: Copperâ€Based Layers on Gold/Silicon (100) Substrates. ChemPlusChem, 2019, 84, 368-373. | 1.3 | 11 |
| 11 | Micro- and nanoscopic observations of sexual dimorphisms in Mecynorhina polyphemus confluens (Kraatz, 1890) (Coleoptera, Cetoniidae, Goliathini) and consequences for surface wettability. Arthropod Structure and Development, 2019, 49, 10-18. | 0.8 | 4 |
| 12 | Variations in surface structures and wettability in the genus <i>Pachnoda</i> Burmeister. Bioinspired, Biomimetic and Nanobiomaterials, 2019, 8, 181-189. | 0.7 | 2 |
| 13 | A Templateless Electropolymerization Approach to Porous Hydrophobic Nanostructures Using 3,4â€Phenylenedioxythiophene Monomers with Electronâ€Withdrawing Groups. ChemNanoMat, 2018, 4, 656-662. | 1.5 | 14 |
| 14 | Nanofoldâ€decorated surfaces from the electrodeposition of diâ€alkylâ€cyclopentadithiophenes. Polymers for Advanced Technologies, 2018, 29, 1170-1181. | 1.6 | 2 |
| 15 | Nanocups and hollow microspheres formed by a one-step and templateless electropolymerization of thieno[3,4-b]thiophene derivatives as a function of the substituent. Electrochimica Acta, 2018, 269, 462-478. | 2.6 | 17 |
| 16 | Intrinsically water-repellent copper oxide surfaces; An electro-crystallization approach. Applied Surface Science, 2018, 443, 191-197. | 3.1 | 15 |
| 17 | A Templateless Electropolymerization Approach to Nanorings Using Substituted 3,4â€Naphthalenedioxythiophene (NaPhDOT) Monomers. ChemNanoMat, 2018, 4, 140-147. | 1.5 | 11 |
| 18 | Variation of Goliathus orientalis (Moser, 1909) Elytra Nanostructurations and Their Impact on Wettability. Biomimetics, 2018, 3, 6. | 1.5 | 9 |

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|---|---|---|---|
| 19 | Superhydrophobic, superoleophobic and underwater superoleophobic conducting polymer films. Surface Innovations, 2018, 6, 181-204. | 1.4 | 13 |
| 20 | Superhydrophobic polypyrene films to prevent Staphylococcus aureus and Pseudomonas aeruginosa biofilm adhesion on surfaces: high efficiency deciphered by fluorescence microscopy. Photochemical and Photobiological Sciences, 2018, 17, 1023-1035. | 1.6 | 10 |
| 21 | Rapid, Templateâ€Less Patterning of Polymeric Interfaces for Controlled Wettability via in Situ Heterogeneous Photopolymerizations. Macromolecular Chemistry and Physics, 2018, 219, 1800090. | 1.1 | 1 |
| 22 | One-pot Staudinger Ureation reaction to develop superhydrophobic/oleophobic surfaces with urea linkers. Materials and Design, 2017, 114, 116-122. | 3.3 | 5 |
| 23 | Controlling the wettability of mesh substrates by post -functionalization using the Huisgen reaction. Materials Chemistry and Physics, 2017, 195, 67-73. | 2.0 | 0 |
| 24 | A travel in the Echeveria genus wettability's world. Applied Surface Science, 2017, 411, 291-302. | 3.1 | 14 |
| 25 | Superhydrophobic properties of electrodeposited fluorinated polypyrenes. Journal of Fluorine Chemistry, 2017, 193, 73-81. | 0.9 | 16 |
| 26 | pHâ€Driven Wetting Switchability of Electrodeposited Superhydrophobic Copolymers of Pyrene Bearing Acid Functions and Fluorinated Chains. ChemPhysChem, 2017, 18, 3429-3436. | 1.0 | 9 |
| 27 | Combining Staudinger Reductive Amination and Amidification for the Control of Surface Hydrophobicity and Water Adhesion by Introducing Heterobifunctional Groups: Postâ€•and Anteâ€Approach. Macromolecular Chemistry and Physics, 2017, 218, 1700250. | 1.1 | 2 |
| 28 | Nanoparticles covered surfaces for post-functionalization with aromatic groups to obtain parahydrophobic surface with high water adhesion (petal effect). Journal of Bionic Engineering, 2017, 14, 468-475. | 2.7 | 1 |
| 29 | Electrodeposited Poly(thieno[3,2â€<i>b</i>]thiophene) Films for the Templateless Formation of Porous Structures by Galvanostatic and Pulse Deposition. ChemPlusChem, 2017, 82, 1351-1358. | 1.3 | 18 |
| 30 | Superhydrophobic and superoleophobic poly(3,4-ethylenedioxypyrrole) polymers synthesized using the Staudinger-Vilarrasa reaction. Pure and Applied Chemistry, 2017, 89, 1751-1760. | 0.9 | 2 |
| 31 | Surfaces Bearing Fluorinated Nucleoperfluorolipids for Potential Anti-Graffiti Surface Properties. Coatings, 2017, 7, 220. | 1.2 | 7 |
| 32 | Bifunctionalized Monomers for Surfaces with Controlled Hydrophobicity. ChemPlusChem, 2017, 82, 1245-1252. | 1.3 | 1 |
| 33 | Staudinger-Vilarassa reaction versus Huisgen reaction for the control of surface hydrophobicity and water adhesion. Polymers for Advanced Technologies, 2016, 27, 993-998. | 1.6 | 8 |
| 34 | Superhydrophobic/highly oleophobic surfaces based on poly(3,4-propylenedioxythiophene) surface post-functionalization. Journal of Polymer Research, 2016, 23, 1. | 1.2 | 6 |
| 35 | Poly(3,4-propylenedioxythiophene) mono-azide and di-azide as platforms for surface post -functionalization. European Polymer Journal, 2016, 78, 38-45. | 2.6 | 9 |
| 36 | Perfluorinated ProDOT monomers for superhydrophobic/oleophobic surfaces elaboration. Journal of Fluorine Chemistry, 2016, 191, 90-96. | 0.9 | 7 |

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|---|---|---|---|
| 37 | A template-free approach to nanotube-decorated polymer surfaces using 3,4-phenylenedioxythiophene (PhEDOT) monomers. Journal of Materials Chemistry A, 2016, 4, 17308-17323. | 5.2 | 44 |
| 38 | Staudinger-Ureation: A new and fast reaction for surface post-functionalization. Materials Today Communications, 2016, 8, 165-171. | 0.9 | 3 |
| 39 | Macromol. Chem. Phys. 19/2016. Macromolecular Chemistry and Physics, 2016, 217, 2200-2200. | 1.1 | 0 |
| 40 | Azido Platform Surfaces for Postâ€Functionalization with Aromatic Groups Using the Huisgen Reaction to Obtain High Water Adhesion. Macromolecular Chemistry and Physics, 2016, 217, 2107-2115. | 1.1 | 4 |
| 41 | Post-functionalization of plasma treated polycarbonate substrates: An efficient way to hydrophobic, oleophobic plastics. Applied Surface Science, 2016, 387, 28-35. | 3.1 | 19 |
| 42 | Switchable surfaces from highly hydrophobic to highly hydrophilic using covalent imine bonds. Journal of Applied Polymer Science, 2016, 133, . | 1.3 | 16 |
| 43 | Switchable Surface Wettability by Using Boronic Ester Chemistry. ChemPhysChem, 2016, 17, 305-309. | 1.0 | 8 |
| 44 | Nucleoside surfaces as a platform for the control of surface hydrophobicity. RSC Advances, 2016, 6, 62471-62477. | 1.7 | 3 |
| 45 | Hydrocarbon/perfluorocarbon mixed chain azides for surface post-functionalization. Journal of Fluorine Chemistry, 2016, 184, 8-15. | 0.9 | 6 |
| 46 | Staudingerâ€“Vilarrasa reaction to develop novel monomers with amide bonds for superhydrophobic properties. Progress in Organic Coatings, 2016, 90, 431-437. | 1.9 | 6 |
| 47 | Electrodeposition of Polypyrenes with Tunable Hydrophobicity, Water Adhesion, and Fluorescence Properties. Journal of Physical Chemistry C, 2016, 120, 7077-7087. | 1.5 | 24 |
| 48 | Postfunctionalization of Azido or Alkyne Poly(3,4â€ethylenedioxythiophene) Surfaces: Superhydrophobic and Parahydrophobic Surfaces. Macromolecular Chemistry and Physics, 2016, 217, 554-561. | 1.1 | 8 |
| 49 | Nanoparticle covered surfaces: An efficient way to enhance superhydrophobic properties. Materials and Design, 2016, 92, 911-918. | 3.3 | 17 |
| 50 | Stepâ€byâ€Step Layerâ€byâ€Layer Assembly Using 1,2,3â€Triazole as a Platform for Controlled Multicharged and Multifunctional Coatings. ChemPlusChem, 2015, 80, 1691-1695. | 1.3 | 3 |
| 51 | Azidomethyl-EDOT as a Platform for Tunable Surfaces with Nanostructures and Superhydrophobic Properties. Journal of Physical Chemistry B, 2015, 119, 6873-6877. | 1.2 | 25 |
| 52 | Formulation of Highly Functionalizable DNA Nanoparticles Based on 1,2â€Dithiolane Derivatives. ChemBioChem, 2015, 16, 792-804. | 1.3 | 4 |
| 53 | Ante versus post-functionalization to control surface structures with superhydrophobic and superoleophobic properties. RSC Advances, 2015, 5, 63945-63951. | 1.7 | 9 |
| 54 | Staudinger Vilarassa reaction: A powerful tool for surface modification and superhydrophobic properties. Journal of Colloid and Interface Science, 2015, 457, 72-77. | 5.0 | 20 |

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| 55 | Switchable and reversible superhydrophobic and oleophobic surfaces by redox response using covalent Sâ€“S bond. Reactive and Functional Polymers, 2015, 96, 44-49. | 2.0 | 11 |
| 56 | A reversible supramolecular assembly containing ionic interactions and disulfide linkages. New Journal of Chemistry, 2014, 38, 5186-5189. | 1.4 | 7 |
| 57 | In Vivo Characterization of Dynein-Driven nanovectors Using Drosophila Oocytes. PLoS ONE, 2013, 8, e82908. | 1.1 | 3 |
| 58 | Nucleic Acid Based Fluorinated Derivatives: New Tools for Biomedical Applications. Applied Sciences (Switzerland), 2012, 2, 245-259. | 1.3 | 23 |
| 59 | From Brittle to Pliant Viscoelastic Materials with Solid State Linear Polyphosphoniumâ€“Carboxylate Assemblies. Macromolecules, 2012, 45, 2509-2513. | 2.2 | 29 |
| 60 | Glycoside nucleoside lipids (GNLs): An intrusion into the glycolipidsâ€™ world?. Comptes Rendus Chimie, 2012, 15, 29-36. | 0.2 | 10 |
| 61 | Glycosyl-nucleoside fluorinated amphiphiles as components of nanostructured hydrogels. Tetrahedron Letters, 2010, 51, 1012-1015. | 0.7 | 38 |
| 62 | Fluorocarbon oligonucleotide conjugates for nucleic acids delivery. MedChemComm, 2010, 1, 76. | 3.5 | 29 |
| 63 | Glycosylâ€“nucleosideâ€“lipid based supramolecular assembly as a nanostructured material with nucleic acid delivery capabilities. Chemical Communications, 2009, , 5127. | 2.2 | 56 |
| 64 | Glycosyl-Nucleoside Lipids as Low-Molecular-Weight Gelators. Langmuir, 2009, 25, 8447-8450. | 1.6 | 66 |
| 65 | Lipid-Conjugated Oligonucleotides via â€œClick Chemistryâ€•Efficiently Inhibit Hepatitis C Virus Translation. Journal of Medicinal Chemistry, 2008, 51, 4374-4376. | 2.9 | 88 |
| 66 | Amphiphilic Copolymer for Delivery of Xenobiotics: <i>In Vivo</i> Studies in a Freshwater Invertebrate, a Mesostominae Flatworm. Bioconjugate Chemistry, 2008, 19, 891-898. | 1.8 | 11 |