

# Antonio M Rabasco

## List of Publications by Year in descending order

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74  
papers

2,345  
citations

218677

26  
h-index

214800

47  
g-index

75  
all docs

75  
docs citations

75  
times ranked

2690  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Effect of cholesterol and ethanol on dermal delivery from DPPC liposomes. <i>International Journal of Pharmaceutics</i> , 2005, 298, 1-12.  | 5.2 | 273       |
| 2  | Alginate/chitosan particulate systems for sodium diclofenac release. <i>International Journal of Pharmaceutics</i> , 2002, 232, 225-234.  | 5.2 | 241       |
| 3  | Development, characterization and in vivo evaluation of benzocaine-loaded liposomes. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2007, 67, 86-95.   | 4.3 | 137       |
| 4  | Application of statistical experimental design to study the formulation variables influencing the coating process of lidocaine liposomes. <i>International Journal of Pharmaceutics</i> , 2007, 337, 336-345. | 5.2 | 84        |
| 5  | New "drug-in cyclodextrin-in deformable liposomes" formulations to improve the therapeutic efficacy of local anaesthetics. <i>International Journal of Pharmaceutics</i> , 2010, 395, 222-231.                | 5.2 | 81        |
| 6  | Charged liposomes as carriers to enhance the permeation through the skin. <i>Expert Opinion on Drug Delivery</i> , 2011, 8, 857-871.  | 5.0 | 73        |
| 7  | Didanosine extended-release matrix tablets: optimization of formulation variables using statistical experimental design. <i>International Journal of Pharmaceutics</i> , 2002, 237, 107-118.                  | 5.2 | 69        |
| 8  | Effects of the Host Cavity Size and the Preparation Method on the Physicochemical Properties of Ibuprofen-Cyclodextrin Systems. <i>Drug Development and Industrial Pharmacy</i> , 1999, 25, 279-287.          | 2.0 | 68        |
| 9  | Effect of preparation technique on the properties and <i>in vivo</i> efficacy of benzocaine-loaded ethosomes. <i>Journal of Liposome Research</i> , 2009, 19, 253-260.  | 3.3 | 68        |
| 10 | Diclofenac salts, II. Solid dispersions in PEG6000 and Gelucire 50/13. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2005, 60, 99-111.  | 4.3 | 67        |
| 11 | Relationship between drug percolation threshold and particle size in matrix tablets. <i>Pharmaceutical Research</i> , 1996, 13, 387-390.  | 3.5 | 62        |
| 12 | Fucoxanthin-Containing Cream Prevents Epidermal Hyperplasia and UVB-Induced Skin Erythema in Mice. <i>Marine Drugs</i> , 2018, 16, 378.   | 4.6 | 62        |
| 13 | The role of the drug/excipient particle size ratio in the percolation model for tablets. <i>Pharmaceutical Research</i> , 1998, 15, 216-220.  | 3.5 | 54        |
| 14 | Development of Enteric-coated Pectin-based Matrix Tablets for Colonic Delivery of Theophylline. <i>Journal of Drug Targeting</i> , 2003, 11, 365-371.   | 4.4 | 54        |
| 15 | Lipids in pharmaceutical and cosmetic preparations. <i>Grasas Y Aceites</i> , 2000, 51, .   | 0.9 | 51        |
| 16 | Development of sustained release matrix tablets of didanosine containing methacrylic and ethylcellulose polymers. <i>International Journal of Pharmaceutics</i> , 2002, 234, 213-221.                         | 5.2 | 47        |
| 17 | Characterization of Ibuprofen Binary and Ternary Dispersions with Hydrophilic Carriers. <i>Drug Development and Industrial Pharmacy</i> , 2004, 30, 65-74.  | 2.0 | 44        |
| 18 | Positively and negatively charged liposomes as carriers for transdermal delivery of sumatriptan: in vitro characterization. <i>Drug Development and Industrial Pharmacy</i> , 2010, 36, 666-675.              | 2.0 | 44        |

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|----|---|-----|-----------|
| 19 | Deformability properties of timolol-loaded transfersomes based on the extrusion mechanism. Statistical optimization of the process. <i>Drug Development and Industrial Pharmacy</i> , 2016, 42, 1683-1694.  | 2.0 | 41        |
| 20 | Thermal characterization of polyethylene glycols applied in the pharmaceutical technology using differential scanning calorimetry and hot stage microscopy. <i>Journal of Thermal Analysis</i> , 1996, 46, 291-304.   | 0.6 | 33        |
| 21 | Design of controlled release inert matrices of naltrexone hydrochloride based on percolation concepts. <i>International Journal of Pharmaceutics</i> , 1999, 181, 23-30.  | 5.2 | 32        |
| 22 | Nuclear Magnetic Resonance Investigations of the Inclusion Complexation of Gliclazide with $\beta$ -Cyclodextrin. <i>Journal of Pharmaceutical Sciences</i> , 1997, 86, 72-75.  | 3.3 | 31        |
| 23 | Communications Simultaneous Hplc Determination of some Drugs Commonly Used in Cold Medications: Dextromethorphan, Dephenhydramine, Phenylephrine, Phenylpropanolamine and Pseudoephedrine. <i>Drug Development and Industrial Pharmacy</i> , 1995, 21, 605-613.   | 2.0 | 29        |
| 24 | Dissolution properties and in vivo behaviour of triamterene in solid dispersions with polyethylene glycols. <i>Pharmaceutica Acta Helvetiae</i> , 1996, 71, 229-235.  | 1.2 | 28        |
| 25 | Dissolution Behavior of Oxazepam in Presence of Cyclodextrins: Evaluation of Oxazepam-Dimeb Binary Systemxs. <i>Drug Development and Industrial Pharmacy</i> , 1997, 23, 379-385.   | 2.0 | 28        |
| 26 | Estimation of the percolation thresholds in dextromethorphan hydrobromide matrices. <i>European Journal of Pharmaceutical Sciences</i> , 2001, 12, 453-459.   | 4.0 | 28        |
| 27 | Thermal and $^{31}\text{P}$ -NMR studies to elucidate sumatriptan succinate entrapment behavior in Phosphatidylcholine/Cholesterol liposomes. Comparative $^{31}\text{P}$ -NMR analysis on negatively and positively-charged liposomes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 105, 14-23. | 5.0 | 26        |
| 28 | The Application of Solid Dispersion Technique with D-mannitol to the Improvement in Oral Absorption of Triamterene. <i>Journal of Drug Targeting</i> , 1994, 2, 45-51.  | 4.4 | 24        |
| 29 | Factors governing the dissolution of diclofenac salts. <i>European Journal of Pharmaceutical Sciences</i> , 1996, 4, 231-238.   | 4.0 | 22        |
| 30 | Topical Application of Glycolipids from <i>Isochrysis galbana</i> Prevents Epidermal Hyperplasia in Mice. <i>Marine Drugs</i> , 2018, 16, 2.  | 4.6 | 22        |
| 31 | Evaluation of Eudragit <sup>®</sup> RS-PO and Ethocel <sup>®</sup> 100 Matrices for the Controlled Release of Lobenzarit Disodium. <i>Drug Development and Industrial Pharmacy</i> , 1999, 25, 229-233.   | 2.0 | 20        |
| 32 | Applying the taguchi method to optimize sumatriptan succinate niosomes as drug carriers for skin delivery. <i>Journal of Pharmaceutical Sciences</i> , 2012, 101, 3845-3863.  | 3.3 | 20        |
| 33 | Modified Doxorubicin for Improved Encapsulation in PVA Polymeric Micelles. <i>Drug Delivery</i> , 2004, 12, 15-20.  | 5.7 | 19        |
| 34 | Development and validation of a reverse-phase liquid chromatographic method for the assay of lidocaine hydrochloride in alginate-Gantrez <sup>®</sup> microspheres. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 47, 501-507.   | 2.8 | 19        |
| 35 | A comparative study of stabilising effect and antioxidant activity of different antioxidants on levodopa-loaded liposomes. <i>Journal of Microencapsulation</i> , 2018, 35, 357-371.  | 2.8 | 19        |
| 36 | Preparation and In Vivo Evaluation of Rosmarinic Acid-Loaded Transethosomes After Percutaneous Application on a Psoriasis Animal Model. <i>AAPS PharmSciTech</i> , 2021, 22, 103.   | 3.3 | 18        |

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|----|--|-----|-----------|
| 37 | Zero-order release periods in inert matrices. Influence of the distance to the percolation threshold. <i>Pharmaceutica Acta Helvetiae</i> , 1996, 71, 335-339.   | 1.2 | 17        |
| 38 | Channeling Agent and Drug Release from a Central Core Matrix Tablet. <i>Drug Development and Industrial Pharmacy</i> , 2001, 27, 439-446.  | 2.0 | 17        |
| 39 | Development and validation of a high performance chromatographic method for determining sumatriptan in niosomes. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 72, 251-260.   | 2.8 | 17        |
| 40 | Morphine Polymeric Coprecipitates for Controlled Release: Elaboration and Characterization. <i>Drug Development and Industrial Pharmacy</i> , 1994, 20, 2409-2424.   | 2.0 | 16        |
| 41 | Fractal Analysis of Sodium Cholate Particles. <i>Journal of Pharmaceutical Sciences</i> , 1996, 85, 971-975.   | 3.3 | 16        |
| 42 | Ophthalmic administration of a 10-fold-lower dose of conventional nanoliposome formulations caused levels of intraocular pressure similar to those induced by marketed eye drops. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 111, 186-194. | 4.0 | 16        |
| 43 | Elaboration and Characterization of the Diazepam-Polyethyleneglycol 6000 Solid Dispersions. <i>Drug Development and Industrial Pharmacy</i> , 1990, 16, 2283-2301.   | 2.0 | 14        |
| 44 | A Rapid HPLC Method for the Quantification of Tyrothricin, Menthol, and Benzocaine in Pharmaceutical Formulations. <i>Journal of Pharmaceutical Sciences</i> , 1994, 83, 1147-1149.  | 3.3 | 12        |
| 45 | Release of indomethacin from ultrasound dry granules containing lactose-based excipients. <i>Journal of Controlled Release</i> , 2005, 102, 39-47.   | 9.9 | 12        |
| 46 | Bimodal Release of Olanzapine from Lipid Microspheres. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 4251-4260.  | 3.3 | 12        |
| 47 | Diclofenac Salts, Part 6: Release from Lipid Microspheres. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 3482-3494.   | 3.3 | 11        |
| 48 | Application of Percolation Theory to Characterize the Release Behavior of Carteolol Matrix Systems. <i>Drug Development and Industrial Pharmacy</i> , 1997, 23, 1-8.   | 2.0 | 10        |
| 49 | Validation study of the conductometrical analysis. Application to the drug release studies from controlled release systems. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1998, 18, 281-285.  | 2.8 | 10        |
| 50 | Electrochemical characterization of a mixed lipid monolayer supported on Au(111) electrodes with implications for doxorubicin delivery. <i>Journal of Electroanalytical Chemistry</i> , 2018, 815, 246-254.  | 3.8 | 10        |
| 51 | pH-temperature dual-sensitive nucleolipid-containing stealth liposomes anchored with PEGylated AuNPs for triggering delivery of doxorubicin. <i>International Journal of Pharmaceutics</i> , 2022, 619, 121691.  | 5.2 | 10        |
| 52 | Rheological Study of Lactose Coated with Acrylic Resins. <i>Drug Development and Industrial Pharmacy</i> , 1990, 16, 295-313.  | 2.0 | 9         |
| 53 | Eudragit® RS-PM and Ethocel® 100 Premium: influence over the behavior of didanosine inert matrix system. <i>Il Farmaco</i> , 2002, 57, 649-656.  | 0.9 | 9         |
| 54 | Thermal study of the polyethyleneglycol 6000-triamterene system. <i>Journal of Thermal Analysis</i> , 1993, 40, 453-462.   | 0.6 | 8         |

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|----|---|-----|-----------|
| 55 | Formulation Factors Affecting Thimerosal Stability. Drug Development and Industrial Pharmacy, 1993, 19, 1673-1691.  | 2.0 | 8         |
| 56 | Dissolution Rate Study of Fresh and Aging Triamterene-Urea Solid Dispersions. Drug Development and Industrial Pharmacy, 1994, 20, 2729-2740.  | 2.0 | 8         |
| 57 | Improvement of the diuretic effect of triamterene via solid dispersion technique with PEG 4000. European Journal of Drug Metabolism and Pharmacokinetics, 1994, 19, 295-302.  | 1.6 | 8         |
| 58 | Preparation, Characterization and Evaluation of the Anti-Inflammatory Activity of Epichlorohydrin- $\beta$ -Cyclodextrin/Curcumin Binary Systems Embedded in a Pluronic <sup>®</sup> /Hyaluronate Hydrogel. International Journal of Molecular Sciences, 2021, 22, 13566. | 4.1 | 8         |
| 59 | Robust Optimization of Alginate-Carbopol 940 Bead Formulations. Scientific World Journal, The, 2012, 2012, 1-15.  | 2.1 | 7         |
| 60 | Cholesterol Levels Affect the Performance of AuNPs-Decorated Thermo-Sensitive Liposomes as Nanocarriers for Controlled Doxorubicin Delivery. Pharmaceutics, 2021, 13, 973.  | 4.5 | 7         |
| 61 | Blaboration and Technological Characterization of Inert Matrix Tables of Careolol Hydrochloride. Drug Development and Industrial Pharmacy, 1992, 18, 911-918.   | 2.0 | 6         |
| 62 | Thermal analysis of the system triamterene-d-mannitol. Journal of Thermal Analysis, 1994, 42, 143-158.  | 0.6 | 6         |
| 63 | Effect of the temperature on a hydrate diclofenac salt. International Journal of Pharmaceutics, 1999, 181, 95-106.  | 5.2 | 6         |
| 64 | Didodecyldimethylammonium Bromide Role in Anchoring Gold Nanoparticles onto Liposome Surface for Triggering the Drug Release. AAPS PharmSciTech, 2019, 20, 294.   | 3.3 | 6         |
| 65 | Using the Percolation Theory to Explain the Release Behavior from Inert Matrix Systems. Drug Development and Industrial Pharmacy, 1996, 22, 201-210.  | 2.0 | 3         |
| 66 | Influence of the pH Value of the Dissolution Medium on the Release Profiles of a Morphine Polymeric Complex. Drug Development and Industrial Pharmacy, 1997, 23, 553-559.   | 2.0 | 3         |
| 67 | Surface functionalizing of a lipid nanosystem to promote brain targeting: step-by-step design and physico-chemical characterization. Pharmaceutical Development and Technology, 2015, 21, 1-9.  | 2.4 | 2         |
| 68 | Central composite design optimization for a controlled valsartan release from polycaprolactone microspheres. Journal of Applied Polymer Science, 2022, 139, 51584.  | 2.6 | 1         |
| 69 | Curcumin-in-Cyclodextrins-in-Liposomes: An Alternative for Osteoarthritis Treatment. Proceedings (mdpi), 2020, 78, .  | 0.2 | 1         |
| 70 | Synergistic Effect of Acetazolamide-(2-hydroxy)propyl $\beta$ -Cyclodextrin in Timolol Liposomes for Decreasing and Prolonging Intraocular Pressure Levels. Pharmaceutics, 2021, 13, 2010.  | 4.5 | 1         |
| 71 | Influence of the Disintegrant on the Drug Percolation Threshold in Tablets. Drug Development and Industrial Pharmacy, 1997, 23, 665-669.  | 2.0 | 0         |
| 72 | Specific requirements regarding module 5. Pharmaceutics Policy and Law, 2015, 17, 279-281.  | 0.1 | 0         |

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|----|--|-----|-----------|
| 73 | Specific requirements for somatic cell therapy medicinal products and tissue engineered products. <i>Pharmaceuticals Policy and Law</i> , 2015, 17, 271-277. | 0.1 | 0         |
| 74 | Método Avanzoar para la implantación racional de la atención farmacéutica en la farmacia comunitaria. <i>Farmacéuticos Comunitarios</i> , 2015, 7, 37-44.    | 0.0 | 0         |