

# Maria Shipkova

## List of Publications by Citations

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96  
papers

3,896  
citations

35  
h-index

60  
g-index

102  
ext. papers

4,434  
ext. citations

3.9  
avg, IF

4.96  
L-index

#	Paper	IF	Citations
96	Acyl glucuronide drug metabolites: toxicological and analytical implications. <i>Therapeutic Drug Monitoring</i> , <b>2003</b> , 25, 1-16	3.2	226
95	The pharmacokinetic-pharmacodynamic relationship for total and free mycophenolic Acid in pediatric renal transplant recipients: a report of the german study group on mycophenolate mofetil therapy. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2002</b> , 13, 759-768	12.7	192
94	Identification of glucoside and carboxyl-linked glucuronide conjugates of mycophenolic acid in plasma of transplant recipients treated with mycophenolate mofetil. <i>British Journal of Pharmacology</i> , <b>1999</b> , 126, 1075-82	8.6	168
93	Therapeutic Drug Monitoring of Tacrolimus-Personalized Therapy: Second Consensus Report. <i>Therapeutic Drug Monitoring</i> , <b>2019</b> , 41, 261-307	3.2	163
92	Pharmacokinetic and metabolic investigations of mycophenolic acid in pediatric patients after renal transplantation: implications for therapeutic drug monitoring. German Study Group on Mycophenolate Mofetil Therapy in Pediatric Renal Transplant Recipients. <i>Therapeutic Drug Monitoring</i> , <b>2000</b> , 22, 20-6	3.2	157
91	Determination of the Acyl Glucuronide Metabolite of Mycophenolic Acid in Human Plasma by HPLC and Emit. <i>Clinical Chemistry</i> , <b>2000</b> , 46, 365-372	5.5	136
90	Induction of cytokine release by the acyl glucuronide of mycophenolic acid: a link to side effects?. <i>Clinical Biochemistry</i> , <b>2000</b> , 33, 107-13	3.5	131
89	Identification of a Pharmacologically Active Metabolite of Mycophenolic Acid in Plasma of Transplant Recipients Treated with Mycophenolate Mofetil. <i>Clinical Chemistry</i> , <b>1999</b> , 45, 419-422	5.5	126
88	Surface markers of lymphocyte activation and markers of cell proliferation. <i>Clinica Chimica Acta</i> , <b>2012</b> , 413, 1338-49	6.2	113
87	Erosive enterocolitis in mycophenolate mofetil-treated renal-transplant recipients with persistent afebrile diarrhea. <i>Transplantation</i> , <b>2003</b> , 75, 665-72	1.8	111
86	Simultaneous determination of mycophenolic acid and its glucuronide in human plasma using a simple high-performance liquid chromatography procedure. <i>Clinical Chemistry</i> , <b>1998</b> , 44, 1481-1488	5.5	110
85	Comparison of the Emit Immunoassay with HPLC for Therapeutic Drug Monitoring of Mycophenolic Acid in Pediatric Renal-Transplant Recipients on Mycophenolate Mofetil Therapy. <i>Clinical Chemistry</i> , <b>2002</b> , 48, 517-525	5.5	102
84	Area under the plasma concentration-time curve for total, but not for free, mycophenolic acid increases in the stable phase after renal transplantation: a longitudinal study in pediatric patients. German Study Group on Mycophenolate Mofetil Therapy in Pediatric Renal Transplant Recipients. <i>Therapeutic Drug Monitoring</i> , <b>1999</b> , 21, 100-5	3.2	92
83	Pharmacokinetics and protein adduct formation of the pharmacologically active acyl glucuronide metabolite of mycophenolic acid in pediatric renal transplant recipients. <i>Therapeutic Drug Monitoring</i> , <b>2002</b> , 24, 390-9	3.2	88
82	Measurement of erythrocyte inosine triphosphate pyrophosphohydrolase (ITPA) activity by HPLC and correlation of ITPA genotype-phenotype in a Caucasian population. <i>Clinical Chemistry</i> , <b>2006</b> , 52, 240-7 <sup>5</sup>	5.5	86
81	Differences in nucleotide hydrolysis contribute to the differences between erythrocyte 6-thioguanine nucleotide concentrations determined by two widely used methods. <i>Clinical Chemistry</i> , <b>2003</b> , 49, 260-8	5.5	82
80	6-thioguanine nucleotide-adapted azathioprine therapy does not lead to higher remission rates than standard therapy in chronic active crohn disease: results from a randomized, controlled, open trial. <i>Clinical Chemistry</i> , <b>2007</b> , 53, 1306-14	5.5	81

79	Validation of a rapid and sensitive liquid chromatography-tandem mass spectrometry method for free and total mycophenolic acid. <i>Clinical Chemistry</i> , <b>2004</b> , 50, 152-9	5.5	76
78	Association of inosine triphosphatase 94C>A and thiopurine S-methyltransferase deficiency with adverse events and study drop-outs under azathioprine therapy in a prospective Crohn disease study. <i>Clinical Chemistry</i> , <b>2005</b> , 51, 2282-8	5.5	74
77	Therapeutic Drug Monitoring of Everolimus: A Consensus Report. <i>Therapeutic Drug Monitoring</i> , <b>2016</b> , 38, 143-69	3.2	71
76	Mycophenolate mofetil in organ transplantation: focus on metabolism, safety and tolerability. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2005</b> , 1, 505-26	5.5	70
75	Effect of cyclosporine withdrawal on mycophenolic acid pharmacokinetics in kidney transplant recipients with deteriorating renal function: preliminary report. <i>Therapeutic Drug Monitoring</i> , <b>2001</b> , 23, 717-21	3.2	66
74	Assuring the Proper Analytical Performance of Measurement Procedures for Immunosuppressive Drug Concentrations in Clinical Practice: Recommendations of the International Association of Therapeutic Drug Monitoring and Clinical Toxicology Immunosuppressive Drug Scientific Committee. <i>Therapeutic Drug Monitoring</i> , <b>2016</b> , 38, 170-83	3.2	65
73	Barcelona Consensus on Biomarker-Based Immunosuppressive Drugs Management in Solid Organ Transplantation. <i>Therapeutic Drug Monitoring</i> , <b>2016</b> , 38 Suppl 1, S1-20	3.2	57
72	Bioavailability of mycophenolate mofetil and enteric-coated mycophenolate sodium is differentially affected by pantoprazole in healthy volunteers. <i>Journal of Clinical Pharmacology</i> , <b>2009</b> , 49, 1196-201	2.9	55
71	LC-MS/MS as a tool for TDM services: Where are we?. <i>Clinical Biochemistry</i> , <b>2016</b> , 49, 1009-23	3.5	46
70	Biomarkers as a tool for management of immunosuppression in transplant patients. <i>Therapeutic Drug Monitoring</i> , <b>2010</b> , 32, 560-72	3.2	46
69	Glucuronidation in therapeutic drug monitoring. <i>Clinica Chimica Acta</i> , <b>2005</b> , 358, 2-23	6.2	45
68	Proteins identified as targets of the acyl glucuronide metabolite of mycophenolic acid in kidney tissue from mycophenolate mofetil treated rats. <i>Biochimie</i> , <b>2007</b> , 89, 393-402	4.6	44
67	Identification of protein targets for mycophenolic acid acyl glucuronide in rat liver and colon tissue. <i>Proteomics</i> , <b>2004</b> , 4, 2728-38	4.8	44
66	Analytic aspects of monitoring therapy with thiopurine medications. <i>Therapeutic Drug Monitoring</i> , <b>2004</b> , 26, 220-6	3.2	43
65	Circulating cytokines as markers of systemic inflammatory response in severe community-acquired pneumonia. <i>Clinical Biochemistry</i> , <b>2004</b> , 37, 204-9	3.5	41
64	Phenotypic and genotypic analysis of thiopurine s-methyltransferase polymorphism in the bulgarian population. <i>Therapeutic Drug Monitoring</i> , <b>2003</b> , 25, 631-6	3.2	40
63	Analysis of ITPA phenotype-genotype correlation in the Bulgarian population revealed a novel gene variant in exon 6. <i>Therapeutic Drug Monitoring</i> , <b>2007</b> , 29, 6-10	3.2	39
62	Pharmacokinetics and pharmacodynamics of intensified versus standard dosing of mycophenolate sodium in renal transplant patients. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , <b>2010</b> , 5, 503-11	6.9	36

61	Association between adverse effects under azathioprine therapy and inosine triphosphate pyrophosphatase activity in patients with chronic inflammatory bowel disease. <i>Therapeutic Drug Monitoring</i> , <b>2011</b> , 33, 321-8	3.2	34
60	A new acute inflammatory syndrome related to the introduction of mycophenolate mofetil in patients with Wegener's granulomatosis. <i>Nephrology Dialysis Transplantation</i> , <b>2002</b> , 17, 923-6	4.3	33
59	Pharmacokinetics and bioavailability of mycophenolic acid after intravenous administration and oral administration of mycophenolate mofetil to heart transplant recipients. <i>Therapeutic Drug Monitoring</i> , <b>2005</b> , 27, 315-21	3.2	30
58	Multi-center analytical evaluation of a novel automated tacrolimus immunoassay. <i>Clinical Biochemistry</i> , <b>2014</b> , 47, 1069-77	3.5	26
57	Determination of thiopurine methyltransferase phenotype in isolated human erythrocytes using a new simple nonradioactive HPLC method. <i>Therapeutic Drug Monitoring</i> , <b>2003</b> , 25, 637-44	3.2	26
56	Mycophenolate mofetil in stem cell transplant patients in relation to plasma level of active metabolite. <i>Clinical Biochemistry</i> , <b>2000</b> , 33, 203-8	3.5	26
55	Improved method for therapeutic drug monitoring of 6-thioguanine nucleotides and 6-methylmercaptopurine in whole-blood by LC/MSMS using isotope-labeled internal standards. <i>Therapeutic Drug Monitoring</i> , <b>2013</b> , 35, 313-21	3.2	25
54	Synergistic effects of sirolimus with cyclosporine and tacrolimus: analysis of immunosuppression on lymphocyte proliferation and activation in rat whole blood. <i>Transplantation</i> , <b>2004</b> , 77, 1154-62	1.8	25
53	Cyclosporin A absorption profiles in pediatric renal transplant recipients predict the risk of acute rejection. <i>Therapeutic Drug Monitoring</i> , <b>2004</b> , 26, 415-24	3.2	25
52	Lymphocyte surface molecules as immune activation biomarkers. <i>Clinical Biochemistry</i> , <b>2016</b> , 49, 347-54	3.5	24
51	Safety and efficacy of intensified versus standard dosing regimens of enteric-coated mycophenolate sodium in de novo renal transplant patients. <i>Transplantation</i> , <b>2011</b> , 91, 779-85	1.8	24
50	Investigation of the crossreactivity of mycophenolic acid glucuronide metabolites and of mycophenolate mofetil in the Cedia MPA assay. <i>Therapeutic Drug Monitoring</i> , <b>2010</b> , 32, 79-85	3.2	24
49	Comparability and imprecision of 8 frequently used commercially available immunoassays for therapeutic drug monitoring. <i>Therapeutic Drug Monitoring</i> , <b>2014</b> , 36, 433-41	3.2	22
48	The proton pump inhibitor pantoprazole and its interaction with enteric-coated mycophenolate sodium in transplant recipients. <i>Journal of Heart and Lung Transplantation</i> , <b>2011</b> , 30, 565-71	5.8	21
47	Quantification of Mycophenolic Acid in Plasma Samples Collected during and Immediately after Intravenous Administration of Mycophenolate Mofetil. <i>Clinical Chemistry</i> , <b>2001</b> , 47, 1485-1488	5.5	20
46	Multicenter analytical evaluation of the automated electrochemiluminescence immunoassay for cyclosporine. <i>Therapeutic Drug Monitoring</i> , <b>2014</b> , 36, 640-50	3.2	19
45	Mycophenolic acid interaction with cyclosporine and tacrolimus in vitro and in vivo: evaluation of additive effects on rat blood lymphocyte function. <i>Therapeutic Drug Monitoring</i> , <b>2005</b> , 27, 123-31	3.2	18
44	Liquid chromatography tandem mass spectrometry for therapeutic drug monitoring of immunosuppressive drugs: Achievements, lessons and open issues. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2016</b> , 84, 23-33	14.6	17

43	Determination of thiopurine methyltransferase activity in isolated human erythrocytes does not reflect putative in vivo enzyme inhibition by sulfasalazine. <i>Clinical Chemistry</i> , <b>2004</b> , 50, 438-41	5.5	17
42	Stability of Mycophenolic Acid and Mycophenolic Acid Glucuronide in Human Plasma. <i>Clinical Chemistry</i> , <b>1999</b> , 45, 127-129	5.5	17
41	Personalized Therapy for Mycophenolate: Consensus Report by the International Association of Therapeutic Drug Monitoring and Clinical Toxicology. <i>Therapeutic Drug Monitoring</i> , <b>2021</b> , 43, 150-200	3.2	17
40	Optimizing everolimus exposure when combined with calcineurin inhibitors in solid organ transplantation. <i>Transplantation Reviews</i> , <b>2017</b> , 31, 151-157	3.3	16
39	cDNA microarray analysis reveals new candidate genes possibly linked to side effects under mycophenolate mofetil therapy. <i>Transplantation</i> , <b>2004</b> , 78, 1145-52	1.8	15
38	Irinotecan in cancer patients with end-stage renal failure. <i>Annals of Pharmacotherapy</i> , <b>2009</b> , 43, 363-9	2.9	14
37	Pharmacokinetic and Pharmacodynamic Drug Monitoring of Direct-Acting Oral Anticoagulants: Where Do We Stand?. <i>Therapeutic Drug Monitoring</i> , <b>2019</b> , 41, 180-191	3.2	14
36	Association between pharmacodynamic biomarkers and clinical events in the early phase after kidney transplantation: a single-center pilot study. <i>Therapeutic Drug Monitoring</i> , <b>2011</b> , 33, 341-9	3.2	13
35	Comparing the effect of isotopically labeled or structural analog internal standards on the performance of a LC-MS/MS method to determine ciclosporin A, everolimus, sirolimus and tacrolimus in whole blood. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2016</b> , 54, 437-46	5.9	12
34	Pharmacokinetics and pharmacodynamics of mycophenolate sodium (EC-MPS) co-administered with cyclosporine in the early-phase post-kidney transplantation. <i>Clinical Transplantation</i> , <b>2012</b> , 26, 57-66 <sup>3.8</sup>	3.8	12
33	Differential proteomic analysis of lymphocytes treated with mycophenolic acid reveals caspase 3-induced cleavage of rho GDP dissociation inhibitor 2. <i>Therapeutic Drug Monitoring</i> , <b>2009</b> , 31, 211-7	3.2	12
32	Therapeutic Drug Monitoring of Everolimus: Comparability of Concentrations Determined by 2 Immunoassays and a Liquid Chromatography Tandem Mass Spectrometry Method. <i>Therapeutic Drug Monitoring</i> , <b>2017</b> , 39, 102-108	3.2	11
31	Increased cyclosporine concentrations in the absence of cyclosporine administration. <i>Clinical Chemistry</i> , <b>2011</b> , 57, 670-3	5.5	11
30	The Impact of on Tacrolimus Pharmacokinetics and Outcome in Clinical Practice at a Single Kidney Transplant Center. <i>Frontiers in Genetics</i> , <b>2019</b> , 10, 871	4.5	10
29	The monoethylglycinexylidide (MEGX) test as a marker of hepatic dysfunction in septic patients with pneumonia. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2000</b> , 38, 1125-8	5.9	10
28	Evaluation of an immunoassay for mycophenolic acid. <i>Therapeutic Drug Monitoring</i> , <b>2000</b> , 22, 141-2	3.2	9
27	Determination of monoethylglycinexylidide by fluorescence polarization immunoassay in highly icteric serum samples: modified precipitation procedure and HPLC compared. <i>Clinical Chemistry</i> , <b>1998</b> , 44, 1269-1274	5.5	8
26	Mycophenolate mofetil decreases endothelial prostaglandin E2 in response to allogeneic T cells or cytokines. <i>Transplantation</i> , <b>2000</b> , 69, 1977-81	1.8	8

25	Analytical Validation and Cross-Validation of an NFAT-Regulated Gene Expression Assay for Pharmacodynamic Monitoring of Therapy With Calcineurin Inhibitors. <i>Therapeutic Drug Monitoring</i> , <b>2016</b> , 38, 711-716	3.2	7
24	Pharmacokinetics and Clinical Outcomes of Generic Tacrolimus (Hexal) Versus Branded Tacrolimus in De Novo Kidney Transplant Patients: A Multicenter, Randomized Trial. <i>Transplantation</i> , <b>2017</b> , 101, 2780-2788	1.8	7
23	A randomized trial of intensified vs. standard dosing for enteric-coated mycophenolate sodium in de novo kidney transplant recipients: results at 1 year. <i>Clinical Nephrology</i> , <b>2013</b> , 79, 421-31	2.1	7
22	The acyl glucuronide metabolite of mycophenolic acid induces tubulin polymerization in vitro. <i>Clinical Biochemistry</i> , <b>2010</b> , 43, 208-13	3.5	6
21	CD26/dipeptidyl peptidase IV: a comparative study of healthy persons and kidney transplant recipients before and early after transplantation. <i>Clinical Biochemistry</i> , <b>2013</b> , 46, 1383-8	3.5	5
20	Atypical pharmacokinetics and metabolism of mycophenolic acid in a young kidney transplant recipient with impaired renal function. <i>Therapeutic Drug Monitoring</i> , <b>2002</b> , 24, 438-43	3.2	5
19	Measurement of sirolimus concentrations in human blood using an automated electrochemiluminescence immunoassay (ECLIA): a multicenter evaluation. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2018</b> , 56, 764-775	5.9	5
18	Analytical Aspects of the Implementation of Biomarkers in Clinical Transplantation. <i>Therapeutic Drug Monitoring</i> , <b>2016</b> , 38 Suppl 1, S80-92	3.2	5
17	Performance of a phosphoflow assay to determine phosphorylation of S6 ribosomal protein as a pharmacodynamic read out for mTOR inhibition. <i>Clinical Biochemistry</i> , <b>2016</b> , 49, 1181-1187	3.5	5
16	Simultaneous determination of mycophenolate and its metabolite mycophenolate-7-o-glucuronide with an isocratic HPLC-UV-based method in human plasma and stability evaluation. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , <b>2016</b> , 76, 612-619	2	4
15	Monoethylglycinexylidide (MEGX) liver function test is not compromised by 3-hydroxy MEGX in humans. <i>Hepatology</i> , <b>1998</b> , 28, 1439-40	11.2	4
14	Rapid and Sensitive Liquid Chromatography Tandem Mass Spectrometry Method for Determination of Monoethylglycinexylidide. <i>Clinical Chemistry</i> , <b>2001</b> , 47, 1853-1856	5.5	4
13	Regulation of IL2 and NUCB1 in mononuclear cells treated with acyl glucuronide of mycophenolic acid reveals effects independent of inosine monophosphate dehydrogenase inhibition. <i>Therapeutic Drug Monitoring</i> , <b>2009</b> , 31, 31-41	3.2	3
12	Multicenter Evaluation of a New Electrochemiluminescence Immunoassay for Everolimus Concentrations in Whole Blood. <i>Therapeutic Drug Monitoring</i> , <b>2018</b> , 40, 59-68	3.2	3
11	A Simple And Rapid High-performance Liquid Chromatographic Procedure for Determination Of Inosine 5'-monophosphate Dehydrogenase Activity in Isolated Human Mononuclear Blood Cells (Mbc). <i>Therapeutic Drug Monitoring</i> , <b>2005</b> , 27, 253	3.2	2
10	Preliminary report on the effect of xenoperfusion with human blood on cyclosporin A metabolism and cytochrome-P-4503A4-mRNA expression in a pig liver perfusion model. <i>Clinical Biochemistry</i> , <b>2001</b> , 34, 53-7	3.5	2
9	Therapeutic Drug Monitoring of Antibiotic Drugs: The Role of the Clinical Laboratory. <i>Therapeutic Drug Monitoring</i> , <b>2021</b> ,	3.2	2
8	Validation of a high-performance liquid chromatography method for thiopurine S-methyltransferase activity in whole blood using 6-mercaptopurine as substrate. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2018</b> , 56, 803-809	5.9	2

7	T-Cell Surface Antigens and sCD30 as Biomarkers of the Risk of Rejection in Solid Organ Transplantation. <i>Therapeutic Drug Monitoring</i> , <b>2016</b> , 38 Suppl 1, S29-35	3.2	1
6	Biomarker monitoring in immunosuppressant therapy <b>2016</b> , 125-152		1
5	Clinical utility of therapeutic drug monitoring of mycophenolic acid in transplantation medicine: Where are we? / Der klinische Nutzen des Therapeutischen Drug Monitoring von Mycophenolsäure in der Transplantationsmedizin: Wo stehen wir?. <i>Laboratoriums Medizin</i> , <b>2009</b> , 33, 88-98		1
4	Analytical evaluation of a real-time PCR-based DNA demethylation assay to assess the frequency of naturally occurring regulatory T cells in peripheral blood. <i>Clinical Biochemistry</i> , <b>2016</b> , 49, 1173-1180	3.5	1
3	Biomarkers: The Link between Therapeutic Drug Monitoring and Pharmacodynamics of Immunosuppressants <b>2012</b> , 349-372		0
2	Therapie mit Thiopurin-Medikamenten TDM und Pharmakogenomik der TPMT/Therapy with Thiopurine Drugs TDM and Pharmacogenomics of TPMT. <i>Laboratoriums Medizin</i> , <b>2003</b> , 27, 211-221		
1	Therapie mit Thiopurin-Medikamenten TDM und Pharmakogenomik der TPMT. <i>Laboratoriums Medizin</i> , <b>2003</b> , 27, 211-221		